

REPORT ON FINE GRID SAMPLING PLAN

(FOR TCDD AND 2,3,7,8-TCDD)

JACKSONVILLE, ARKANSAS

VOLUME IV
(Part 4 of 4)

ANALYTICAL DATA REPORTS FOR
2,3,7,8-TCDD

TMS ANALYTICAL SERVICES, INC.
INDIANAPOLIS, INDIANA

SUBMITTED TO
HERCULES INCORPORATED
WILMINGTON, DELAWARE

1988

REPORT ON FINE GRID SAMPLING PLAN
JACKSONVILLE, ARKANSAS

VOLUME IV (Part 4 of 4)

ANALYTICAL DATA REPORTS FOR 2,3,7,8-TCDD*

TAB #	FILE NAME	SAMPLES REPORTED	Pages
9	HER250A, 51A, 57A	WH2016, WH2019, WH2021, WH2022 WH2027, WH2060, WH2096, WH2107, WH2260, WH2261, WH2262, WH2286, WH2307 WH2120, WH2121, WH2206, WH2208, WH2257	4 1819 - 4 2196
10	HER0819A HER0919A	WH2316 WH2354	4 2197 - 4 2473

*See Volume I, Appendix A, Tables A-1 and A-2, for description of samples.

023545

03223756

Document Number: 023546
Revision: 1
Print Date: 10/10/88

DOCUMENT INVENTORY

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TMS Analytical Services Inc.

6376 MORENCI TRAIL • TEL (317) 291-5697 • INDIANAPOLIS, INDIANA 46268

4 1820

September 19, 1988

Hercules Incorporated
1313 N. Market Street
Wilmington, DE 19894
Dr. Florence K. Kinoshita
Medical Department

Dear Dr. Kinoshita:

Enclosed is the complete Sample Data Package for the isomer specific analysis for 2,3,7,8-TCDD. These samples were received as shipment HERCULES on July 12, 19, 22, 26, 28 and August 2, 1988. Results were sent by overnight courier on September 19 for arrival on September 20, 1988.

If you should have any questions regarding these data or this report, please contact me at (317)291-5697.

Very truly yours,

Dennis L. Heuring by off

Dennis L. Heuring, Ph.D.
President

CC:
Attn: Ragan Broyles
6E - ES
US EPA Region VI
1445 Ross Avenue
Dallas, TX 75202-2733

ENCLOSURES

023547

03223758

FORM B-15 TCDD SOIL DATA REPORT FORM

Page 1 of 2

Lab: TMS ANALYTICAL SERVICES

Report Date: 09/08/88

HERC250A ISOMER SPECIFIC

Column: 5P2331; 60M X 0.25

Instrument ID: HP 597CNSD

ISOMER SPECIFIC FOR 2,3,7,8-TCDD

CLIENT Sample Number	Extr. Date	Wet Wt.	ug/kg Meas.	TCDD MFC	GC/MS Date	Analysis Time
2016	09/06/88	10.14	0.16	N/A	09/06/88	1918
2019	09/06/88	10.05	1.79	N/A	09/06/88	1950
2021	09/06/88	10.13	1.98	N/A	09/06/88	2023
2022	09/06/88	10.14	1.68	N/A	09/06/88	2056

MB MB = Method Blank
N N = Native TCDD Soike
D D = Duplicate/Fortified Field Blank
PE PE = EMSL-LV Performance Evaluation Sample
MFC MFC = Maximum Possible Concentration

FB = Field Blank
IS = Internal Standard
RR = Rerun
ND = Not Detected
RS = Recovery Standard

023548

FORM B-15 TCDD SOIL DATA REPORT FORM

Page 2 of 2

Lab: TMS ANALYTICAL SERVICES

Report Date: 09/08/88

HERC250A ISOMER SPECIFIC

Column: SP2331; 60M X 0.25

Instrument ID: HP 5970MSD

ISOMER SPECIFIC FOR 2,3,7,8-TCDD

CLIENT Sample Number	Relative Response Ratios		Response (Area)							
	320/ 322	332/ 334IS		259	3E0	322	328	332IS	334IS	
2016	0.79	0.77	MB		27868	35129	361542	827625	1070479	
2019	0.73	0.79	46323	148946	203097	177995	425423	541045		
2021	0.90	0.76	47572	159765	178174	156892	365055	467855		
2022	0.74	0.79	46409	161979	218375	213191	487405	617405		

023549

MB = Method Blank
 N = Native TCDD Spike
 D = Duplicate/Fortified Field Blank
 PE = EMSL-LV Performance Evaluation Sample
 MPC = Maximum Possible Concentration

FB = Field Blank
 IS = Internal Standard
 RR = Rerun
 ND = Not Detected
 RS = Recovery Standard
 NQ = Not Quantitated

03223760

FORM B-15 TCDD SOIL DATA REPORT FORM

Lab: TMS ANALYTICAL SERVICES

HERC250A ISOMER SPECIFIC

Instrument ID: HP 5970MSD

PEAK HEIGHT: NOISE & SIGNAL

CLIENT Sample Number	SURR SIGNAL	SURR NOISE	NATIVE SIGNAL	INTERNAL STD SIGNAL
2016	6600	250		
2019	3400	250		
2021	3200	300		
2022	4000	300		

023550

Lab: TMS ANALYTICAL SERVICES

Report Date: 09/08/88

HERC251A ISOMER SPECIFIC

Column: SP2331; 60M X 0.25
ISOMER SPECIFIC FOR 2,3,7,8-TCDD

Instrument ID: HP 5970MSD

CLIENT Sample Number	Extr. Date	Wet Wt.	ug/kg Meas.	TCDD MPC	GC/MS Date	Analysis Time
MB	09/06/88	10.00	0.00	0.17	09/07/88	1925
SB	09/06/88	10.00	0.00	0.22	09/07/88	1958
PE-A	09/06/88	5.00	0.96	N/A	09/07/88	2031
2027	09/06/88	10.00	2.79	N/A	09/07/88	2104
2060	09/06/88	10.00	1.42	N/A	09/07/88	2136
55	09/06/88	10.00	0.84	N/A	09/07/88	2209
2096	09/06/88	10.05	1.16	N/A	09/07/88	2242
2107	09/06/88	10.10	0.78	N/A	09/07/88	2315
2260	09/06/88	10.20	1.15	N/A	09/08/88	0232
2261	09/06/88	10.09	1.32	N/A	09/08/88	0305
2262	09/06/88	10.11	1.45	N/A	09/08/88	0338
2286	09/06/88	10.18	0.33	N/A	09/08/88	0410
2307	09/06/88	10.04	1.69	N/A	09/08/88	0443

MB MB = Method Blank
 N N = Native TCDD Spike
 D D = Duplicate/Fortified Field Blank
 PE PE = EMSL-LV Performance Evaluation Sample
 MPC MPC = Maximum Possible Concentration

FB = Field Blank
 IS = Internal Standard
 RR = Rerun
 ND = Not Detected
 RS = Recovery Standard

023551

Lab: TMS ANALYTICAL SERVICES

Report Date: 09/08/88

HERC251A ISOMER SPECIFIC

Column: SP2331; 60M X 0.25

ISOMER SPECIFIC FOR 2,3,7,8-TCDD

Instrument ID: HP 5970MSD

CLIENT Sample Number	Relative Response Ratios		Response (Area)						
	320/ 322	332/ 334IS	259	320	322	328	332IS	334IS	
ME	ERR	0.74				247194	558067	749978	
SB	ERR	0.78				194449	446494	569987	
PE-A	0.80	0.78	NQ	56045	70280	124835	284404	365543	
2027	0.78	0.79	69816	235118	303316	180506	420671	533289	
2060	0.67	0.78	55107	198779	287025	324320	740418	947189	
SS	0.84	0.79	41473	109488	130870	306651	623217	788052	
2096	0.80	0.79	51493	126013	157681	241605	531049	673119	
2107	0.76	0.80	45176	129587	171487	357893	832741	1046660	
2260	0.81	0.80	58455	190975	234972	333870	801326	1001701	
2261	0.84	0.77	104805	181165	215992	326145	642439	830022	
2262	0.76	0.82	61207	157123	205940	249052	553370	673921	
2286	0.85	0.77	NQ	36727	43269	237560	514522	665994	
2307	0.76	0.80	40821	168846	221003	223002	506154	633639	

MB = Method Blank

N = Native TCDD Spike

D = Duplicate/Fortified Field Blank

PE = EMSL-LV Performance Evaluation Sample

MPC = Maximum Possible Concentration

FB = Field Blank

IS = Internal Standard

RR = Rerun

ND = Not Detected

RS = Recovery Standard

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FORM B-15 TDD SOIL DATA REPORT FORM

TMS ANALYTICAL SERVICES

HERC251A ISOMER SPECIFIC

Instrument ID: HP 5970MSD

PEAK HEIGHT: NOISE & SIGNAL

CLIENT Sample Number	SURR SIGNAL	SURR NOISE	NATIVE SIGNAL	INTERNAL STD SIGNAL
MB			190	14000
SB			200	11000
PE-A	2410	225		
2027	3500	300		
2060	4000	300		
SS	5600	300		
2096	4400	250		
2107	6600	300		
2260	7000	1090		
2261	5900	800		
2262	4800	600		
2286	4500	600		
2307	4400	600		

023553

Lab: TMS ANALYTICAL SERVICES

Report Date: 09/08/88

HERC257A ISOMER SPECIFIC

Column: SP2201: 60M X 0.25

ISOMER SPECIFIC FOR 2,3,7,8-TCDD

Instrument ID: HP 5970MSD

CLIENT Sample Number	Extr. Date	Wet Wt.	ug/kg Meas.	TCDD MPC	EDMS Date	Analysis Time
2120	09/06/88	10.11	11.64	N/A	09/13/88	1225
2121	09/06/88	10.10	7.43	N/A	09/13/88	1301
2205	09/06/88	10.20	0.29	N/A	09/13/88	1238
2209	09/06/88	10.07	0.97	N/A	09/13/88	1406
2257	09/06/88	10.00	1.05	N/A	09/13/88	1439

MB MB = Method Blank
 N N = Native TCDD Spike
 D D = Duplicate/Fortified Field Blank
 PE PE = EMSL-L/ Performance Evaluation Sample
 MPC MPC = Maximum Possible Concentration

FB = Field Blank
 IS = Internal Standard
 RR = Rerun
 ND = Not Detected
 RS = Recovery Standard

023554

FORM 5-18 TCDD SOIL DATA REPORT FORM

Page 2 of 2

Lab: THE ANALYTICAL SERVICES

Report Date: 09/08/88

HEPC257A ISOMER SPECIFIC

Column: SP2231; 60M X 0.25

ISOMER SPECIFIC FOR 2,3,7,8-TCDD

Instrument ID: HP 5970MSD

CLIENT Sample Number	Relative Response Ratios		Response (Area)							
	320/	322/	257	259	322	325	328	330	332	334
2120	0.77	0.78	430413	1591533	2066892	258341	662761	847231		
2121	0.76	0.82	146508	546524	715346	181404	245550	433415		
2206	0.84	0.80	27874	26145	31102	182415	421490	526301		
2208	0.75	0.78	49225	79739	105315	185549	352097	540757		
2237	0.67	0.79	90026	208449	311773	449625	1052101	1225189		

MB = Method Blank
 N = Native TCDD Spike
 D = Duplicate/Fortified Field Blank
 PE = EMSL-LV Performance Evaluation Sample
 MPC = Maximum Possible Concentration

FB = Field Blank
 IS = Internal Standard
 RR = Rerun
 ND = Not Detected
 RS = Recovery Standard

023555

FORM B-18 TDD SOIL DATA REPORT FORM

Lab: TMS ANALYTICAL SERVICES

HERC2E7A ISOMER SPECIFIC

Instrument ID: HF 5970MSD

CLIENT Sample Number	PEAK HEIGHT: NOISE & SIGNAL			
	SURR SIGNAL	SURR NOISE	NATIVE SIGNAL	INTERNAL STD SIGNAL
2120	5400	600		
2121	2000	600		
2206	3400	600		
2269	3400	700		
2257	7200	700		

023556

FORM B-2

Page 1 of 2

INITIAL CALIBRATION SUMMARY

Laboratory: TMS ANALYTICAL SERVICES

CC Solution Alternative: 11

Instrument ID: HF5770MSD

Date	Time	Sol. ID	AREA						
			320	322	328	33215	33415	33265	33485
08/24/88	2040	CC1	128939	164468	113709	645867	819059	410489	502201
08/24/88	2113	CC1	106305	134799	100393	531465	676173	343601	415558
08/24/88	2146	CC1	112658	139941	97687	558377	698782	356427	435585
08/24/88	2219	CC2	539480	701310	194962	554823	691560	362473	433397
08/24/88	2252	CC2	538013	708990	196976	554417	707759	365989	447671
08/24/88	2325	CC2	521636	671009	194331	529567	664046	333889	423563
08/24/88	2358	CC3	2559830	3329893	317238	527982	679656	342092	434506
08/25/88	0021	CC3	2578320	3354523	322052	531094	676008	354283	433081
08/25/88	0104	CC3	2585756	3338620	321000	528996	673274	346818	422193
08/25/88	0137	CC4	9702909	12754308	xxx	566292	719618	368453	460414
08/25/88	0210	CC4	9946524	13140369	xxx	593269	734086	376656	465924
08/25/88	0243	CC4	9854770	12947345	xxx	577073	723350	367405	453120

Solution ID Codes:

CC1 = Concentration Calibration Solution #1
 CC2 = Concentration Calibration Solution #2
 CC3 = Concentration Calibration Solution #3
 CC4 = Concentration Calibration Solution #4

* Not present in CC Solution
 Alternative One

023557

FORM B-2

Page 2 of 2

INITIAL CALIBRATION SUMMARY

Laboratory: TMS ANALYTICAL SERVICES

CC Solution Alternative: II

Instrument ID: HP5970MSD

Date	Time	Sol. ID	Measured RRFn	Mean RRFn	Measured RRFi	Mean RRFi
08/24/88	2040	CC1	1.052		0.917	
08/24/88	2113	CC1	1.048	1.052	0.909	0.911
08/24/88	2146	CC1	1.055		0.907	
08/24/88	2219	CC2	1.045		0.895	
08/24/88	2252	CC2	1.037	1.044	0.887	0.894
08/24/88	2325	CC2	1.049		0.901	
08/24/88	2358	CC3	1.024		0.889	
08/25/88	0031	CC3	1.032	1.030	0.876	0.886
08/25/88	0104	CC3	1.035		0.893	
08/25/88	0137	CC4	0.917		0.897	
08/25/88	0210	CC4	0.913	0.917	0.900	0.898
08/25/88	0243	CC4	0.921		0.906	

Solution ID Codes:

CC1 = Concentration Calibration Solution #1
 CC2 = Concentration Calibration Solution #2
 CC3 = Concentration Calibration Solution #3
 CC4 = Concentration Calibration Solution #4

XRSD: RRFn RRFi

CC1 = 0.32 0.59
 CC2 = 0.57 0.79
 CC3 = 0.54 1.01
 CC4 = 0.40 1.10

Native Mean IS Mean
 of Means: 1.01 of Means: 0.90

023553

FORM B-2

INITIAL CALIBRATION SUMMARY

ION RATIOS

Laboratory: TMS ANALYTICAL SERVICES

CC Solution Alternative: II

Instrument ID: HP5970MSD

RELATIVE RESPONSE RATIOS

Date	Time	Sel. ID	RELATIVE RESPONSE RATIOS		
			IS 320/322	FS 332/334	FS 332/334
08/24/88	2040	CC1	0.784	0.789	0.817
08/24/88	2113	CC1	0.789	0.786	0.827
08/24/88	2146	CC1	0.805	0.799	0.818
08/24/88	2219	CC2	0.767	0.802	0.836
08/24/88	2252	CC2	0.759	0.783	0.818
08/24/88	2325	CC2	0.777	0.797	0.788
08/24/88	2358	CC3	0.769	0.777	0.787
08/25/88	0031	CC3	0.769	0.786	0.818
08/25/88	0104	CC3	0.774	0.786	0.821
08/25/88	0137	CC4	0.761	0.787	0.800
08/25/88	0210	CC4	0.757	0.808	0.808
08/25/88	0243	CC4	0.761	0.798	0.811

Solution ID Codes:

CC1 = Concentration Calibration Solution #1
 CC2 = Concentration Calibration Solution #2
 CC3 = Concentration Calibration Solution #3
 CC4 = Concentration Calibration Solution #4

023559

INITIAL CALIBRATION SUMMARY

CC Solution Alternative: II

	TCDD	TCDD	TCDD
	NATIVE	INTERNAL	RECOVERY
CC1	0.1818	0.9545	0.5455
CC2	0.9091	0.9545	0.5455
CC3	4.545	0.9545	0.5455
CC4	18.18	0.9545	0.5455

023560

CC Solution Alternative: II

QIS	50
QRS	45.455

DAILY CALIBRATION SUMMARY

Laboratory: TMS ANALYTICAL SERVICES CC Solution Alternative: II

Instrument ID: HP5970MSD

Date	Time	Sol. ID	AREA						
			320	322	328	332IS	334IS	332RS	334RS
09/06/88	1829	CC1	330473	427300	274828	1712565	2184299	1070063	1327779
		CC1							
		CC1							

DAILY CALIBRATION SUMMARY

Laboratory: TMS ANALYTICAL SERVICES

Date	Time	Sol. ID	RRFn		RRFi		RELATIVE RESPONSE RATIOS		
			Measured RRFn	% DEVIATION FROM INIT CAL	Measured RRFi	% DEVIATION FROM INIT CAL	IS 320/322	RS 332/334	RS 332/334
09/06/88	1829	CC1	1.021	1.0	0.929	3.5	0.773	0.784	0.896
		CC1	ERR	ERR	ERR	ERR	ERR	ERR	ERR
		CC1	ERR	ERR	ERR	ERR	ERR	ERR	ERR

023561

DAILY CALIBRATION SUMMARY

Laboratory: TMS ANALYTICAL SERVICES CC Solution Alternative: II

Instrument ID: HP5970MSD

Date	Time	Sol. ID	AREA						
			320	322	328	332IS	334IS	332RS	334RS
09/07/88	1836	CC1	378375	492260	326121	1979990	2533261	1267722	1557175
		CC1							
		CC1							

DAILY CALIBRATION SUMMARY

Laboratory: TMS ANALYTICAL SERVICES

Date	Time	Sol. ID	Measured RRFn	RRFn		Measured RRFi	RRFi		RELATIVE RESPONSE RATIOS		
				% DEVIATION FROM INIT CAL			% DEVIATION FROM INIT CAL		IS 320/322	RS 332/334	RS 332/334
09/07/88	1836	CC1	1.013	0.2		0.913	1.8		0.769	0.782	0.814
		CC1	ERR	ERR		ERR	ERR		ERR	ERR	ERR
		CC1	ERR	ERR		ERR	ERR		ERR	ERR	ERR

023562

DAILY CALIBRATION SUMMARY

Laboratory: TMS ANALYTICAL SERVICES CC Solution Alternative: II

Instrument ID: HP5570MSD

Date	Time	Sol. ID	AREA						
			320	322	323	332IS	334IS	332RS	334RS
09/13/99	1104	CC1	417411	520573	323955	305626	2495148	1345355	1679589
		CC1							
		CC1							

DAILY CALIBRATION SUMMARY

Laboratory: TMS ANALYTICAL SERVICES

Date	Time	Sol. ID	RRFn		RRFi	
			Measured RRFn	% DEVIATION FROM INIT CAL	Measured RRFi	% DEVIATION FROM INIT CAL
09/13/99	1104	CC1	1.029	1.7	0.905	0.9
		CC1	ERR	ERR	ERR	ERR
		CC1	ERR	ERR	ERR	ERR

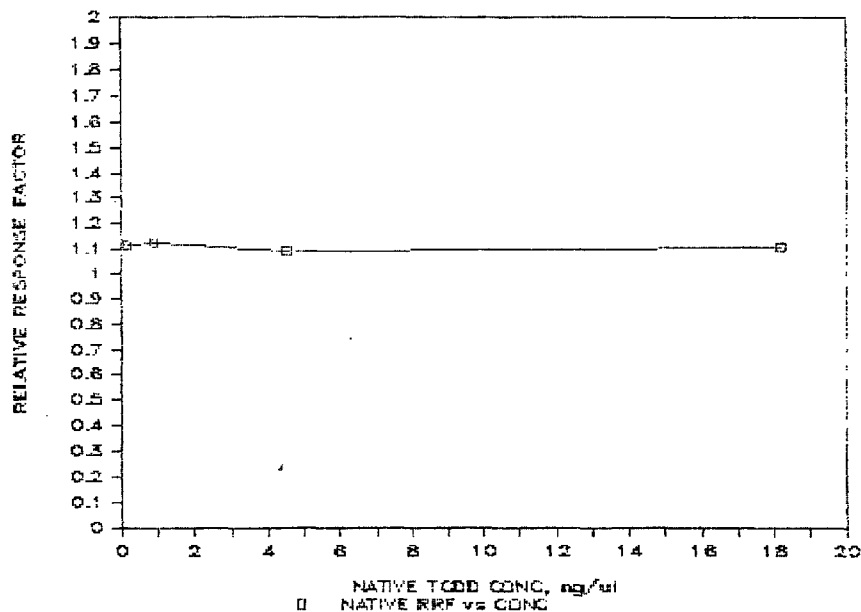
RELATIVE RESPONSE RATIOS

IS			RS	
320/322	332/334	332/334	332/334	332/334
0.802	0.778	0.801		
ERR	ERR	ERR		
ERR	ERR	ERR		

023563

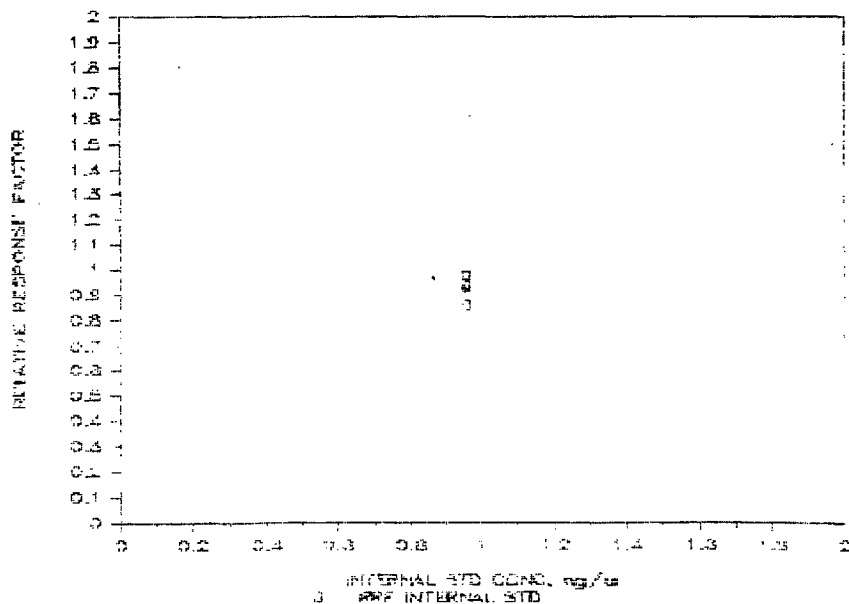
PLOT OF RRF NATIVE TCDD vs CONC

4 1837



023564

PLOT OF RRF INTERNAL STD vs CONC



03223775

4 1838

FORM B-3

ROUTINE CALIBRATION SUMMARY

Laboratory: TMS AnalyticalCC Solution Alternative: UCase/Batch No.: HERCULESInstrument ID: HP MSD 5970

(PCS) PERFORMANCE CHECK SOL.

(CC1)
CON. CALIB. SOL. #1

Date	9/6/88	9/7/88							
Time	1756	1804							
Response									
259	NQ	NQ							
320	28452	31076							
322	37024	37838							
332IS	NQ	NQ							
334IS	100128	104520							
332RS	125302	133187							
334RS	185775	220389							
	133187	133187							
334RS	207456	209127							
Ratios									
320/322	.77	.82							
332/334IS	.80	.78							
332/334RS	.81	.82							
RRF _n	—	—	—	—	—	—			
RRF _f	—	—	—	—	—	—			
3-Valley	24	24					—	—	—

023565

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FORM B-3

ROUTINE CALIBRATION SUMMARY

Laboratory: TMS Analytical

CC Solution Alternative: II

Case/Batch No.: Hercules

Instrument ID: HP MSD 5970

(PCS) PERFORMANCE CHECK SOL.

(CC1)
CON. CALIB. SOL. #1

Date	9/13/88								
Time	1019								
Response									
259	45497								
320	180071								
322	233397								
328	163017								
332IS	597147								
334IS	777323								
332RS	127923								
334RS	1515776								
Ratios									
320/322	.77								
332/334IS	.77								
332/334RS	.80								
RRE _n	—	—	—	—	—	—			
RRE _i	—	—	—	—	—	—			
Z Valley	4.9						—	—	—

023566

03223777

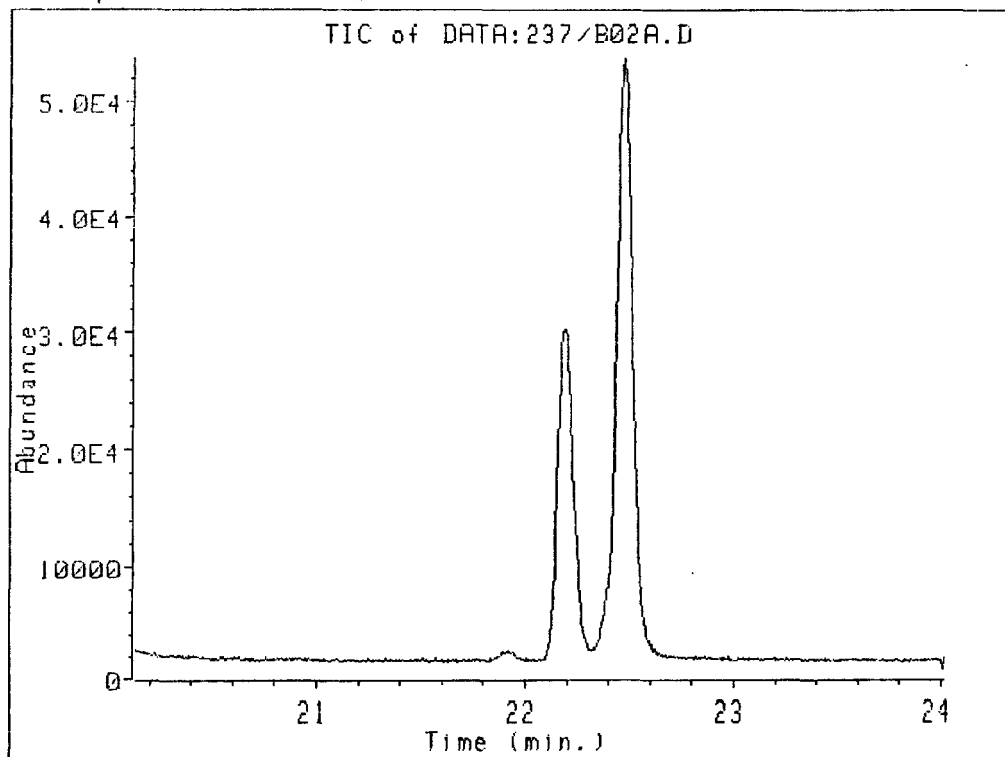
4 1840

Data file: DATA:237/B02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 24 Aug 88 7:51 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
ALS bottle num : 2
Replicate num : 1



023567

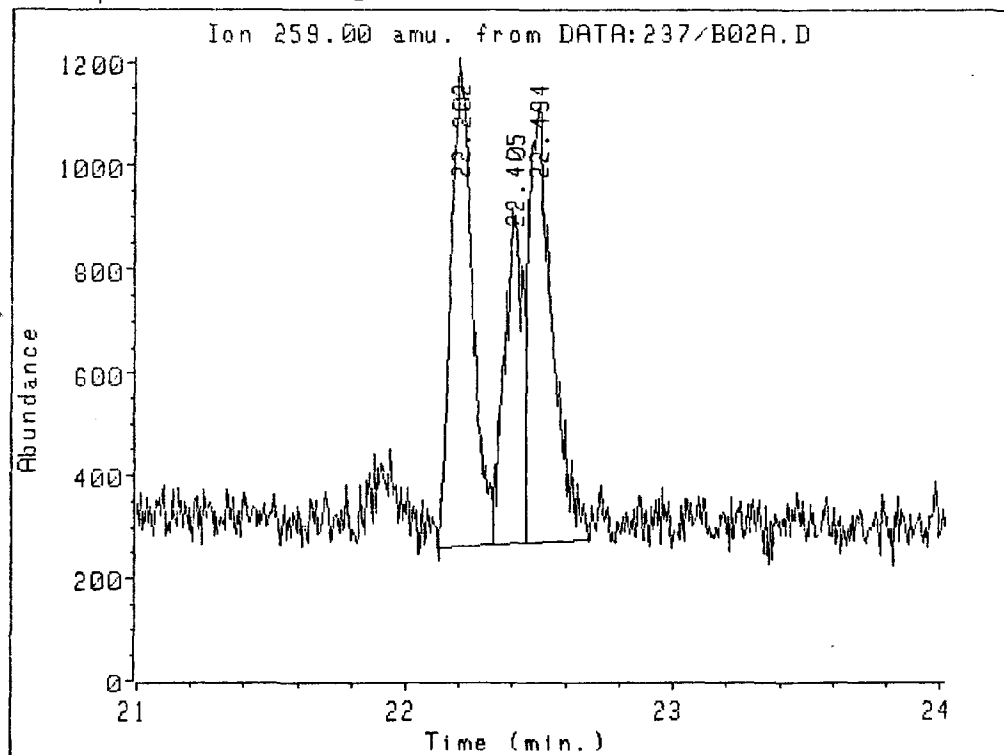
03223778

Data file: DATA:237/B02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 24 Aug 88 7:51 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Hls bottle num : 2
Replicate num : 1



023568

Ion 259.00 amu. from DATA:237/B02A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.202	UU	0.080	52526	22.120	22.328
2	22.405	UU	0.064	29872	22.328	22.447
3	22.494	UU	0.082	51029	22.447	22.687

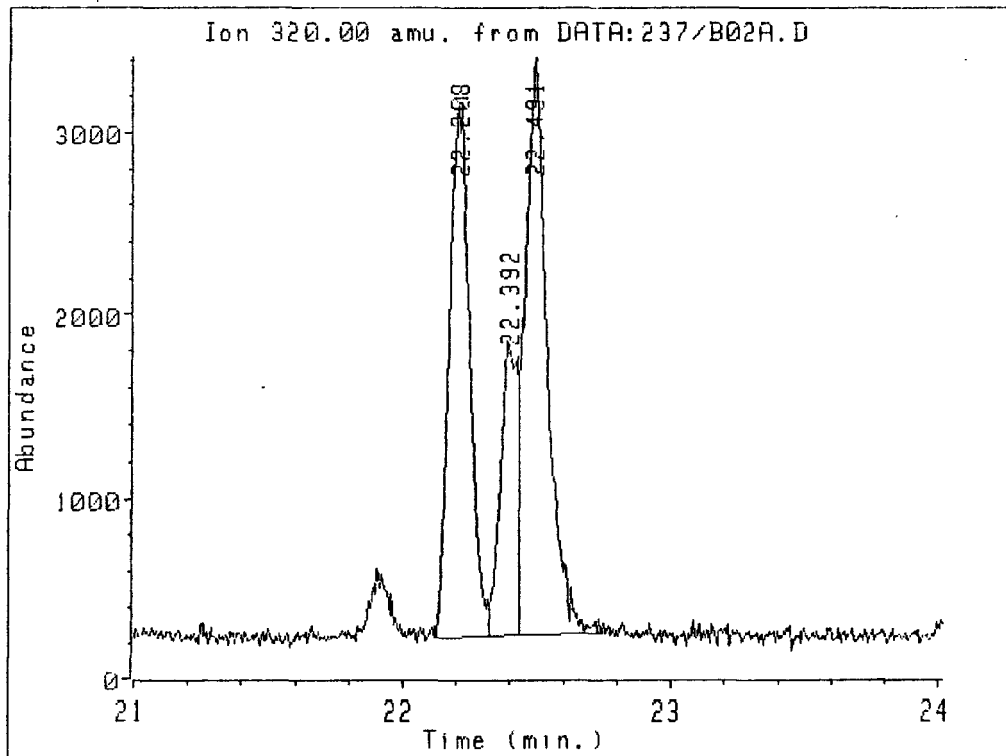
03223779

Data file: DATA:237/B02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 24 Aug 88 7:51 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1



Ion 320.00 amu. from DATA:237/B02A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.208	BU	0.080	155267	22.117	22.322
2	22.392	UU	0.065	68779	22.322	22.432
3	22.491	UB	0.080	182344	22.432	22.735

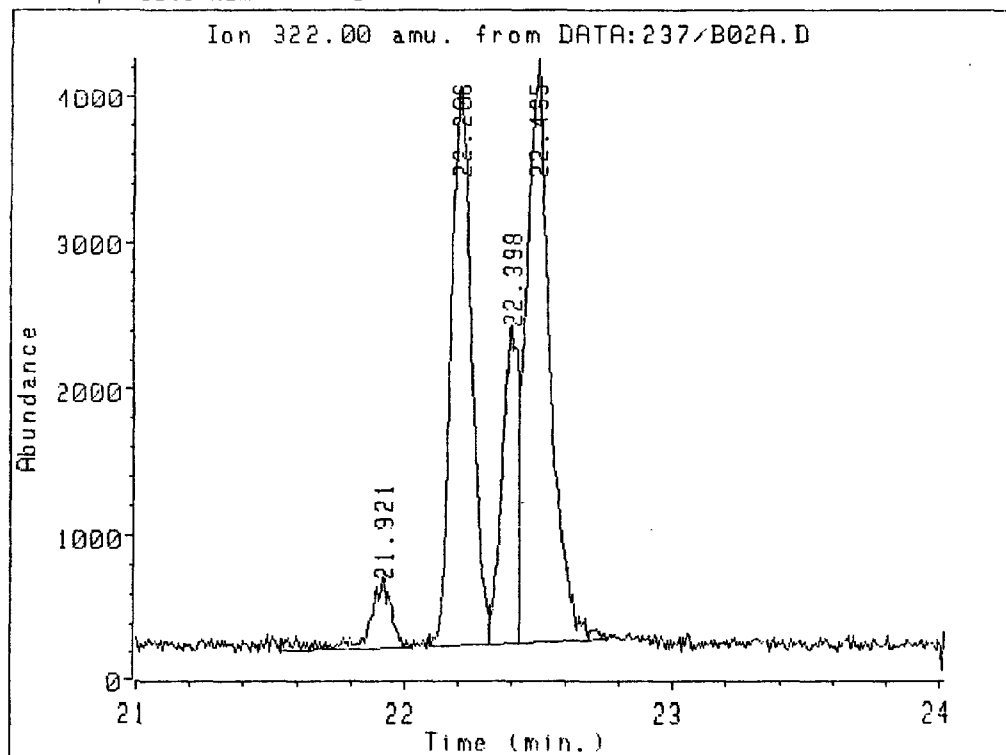
023569

Data file: DATA:237/B02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 24 Aug 88 7:51 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1



Ion 322.00 amu. from DATA:237/B02A.D
COLUMN PERFORMANCE MIX

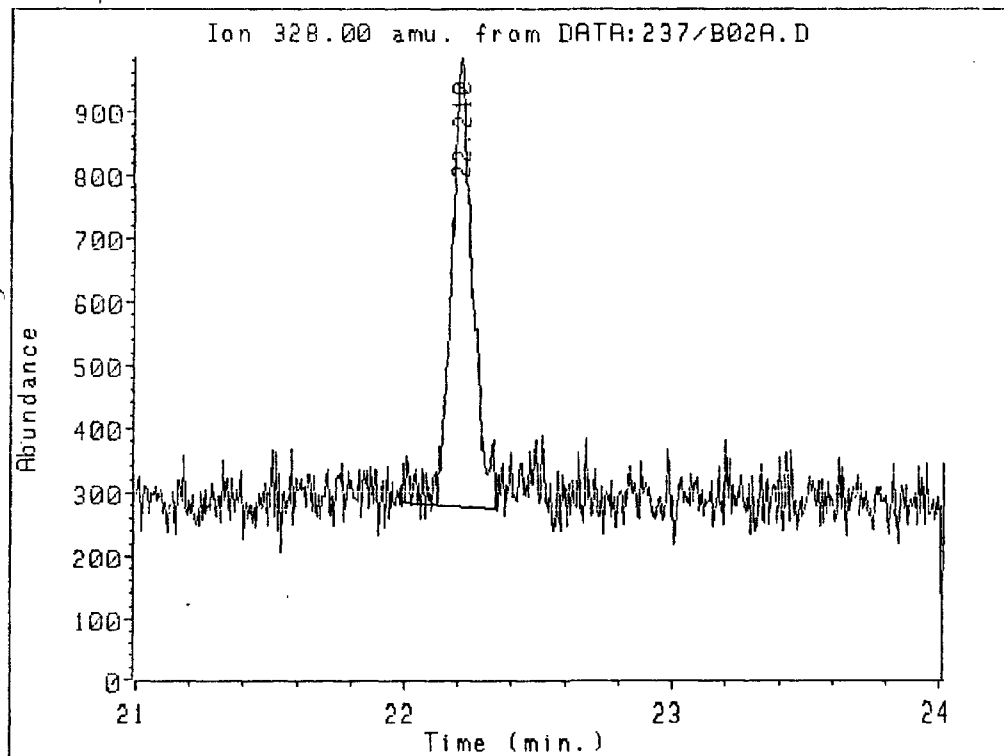
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.921	BB	0.084	29117	21.538	22.031
2	22.206	BU	0.069	204288	22.095	22.317
3	22.398	UU	0.058	88999	22.317	22.429
4	22.495	UB	0.087	244035	22.429	22.757

Data file: DATA:237/B02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 24 Aug 88 7:51 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1



Ion 328.00 amu. from DATA:237/B02A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.210	BU	0.077	40437	21.982	22.343

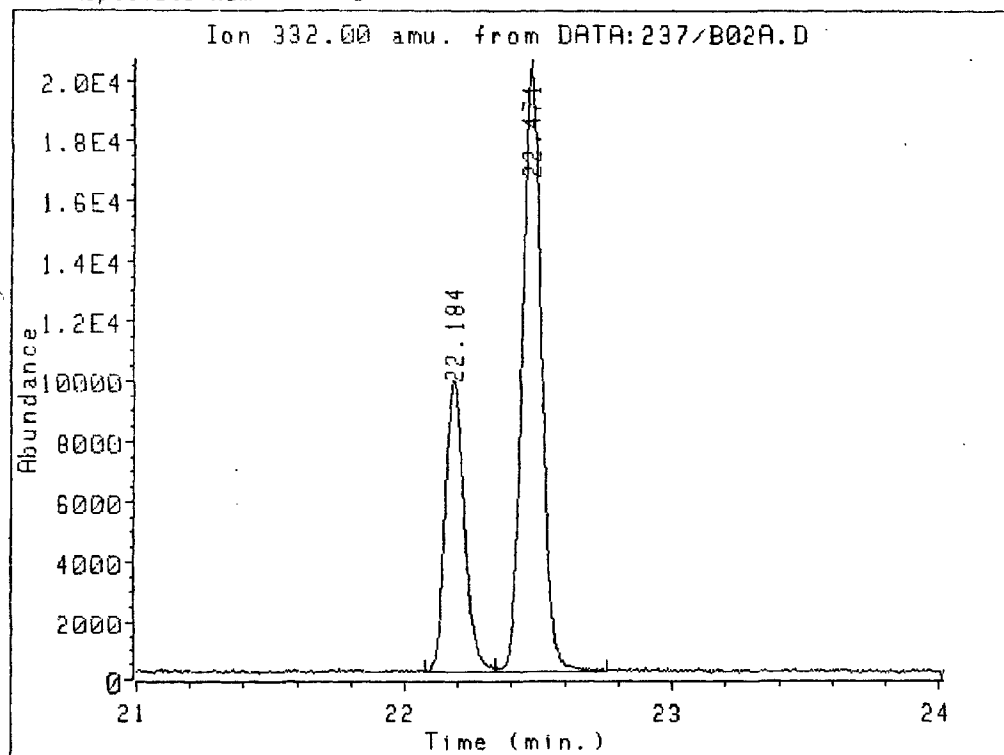
023571

Data file: DATA:237/B02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 24 Aug 88 7:51 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1



Ion 332.00 amu. from DATA:237/B02A.D
COLUMN PERFORMANCE MIX

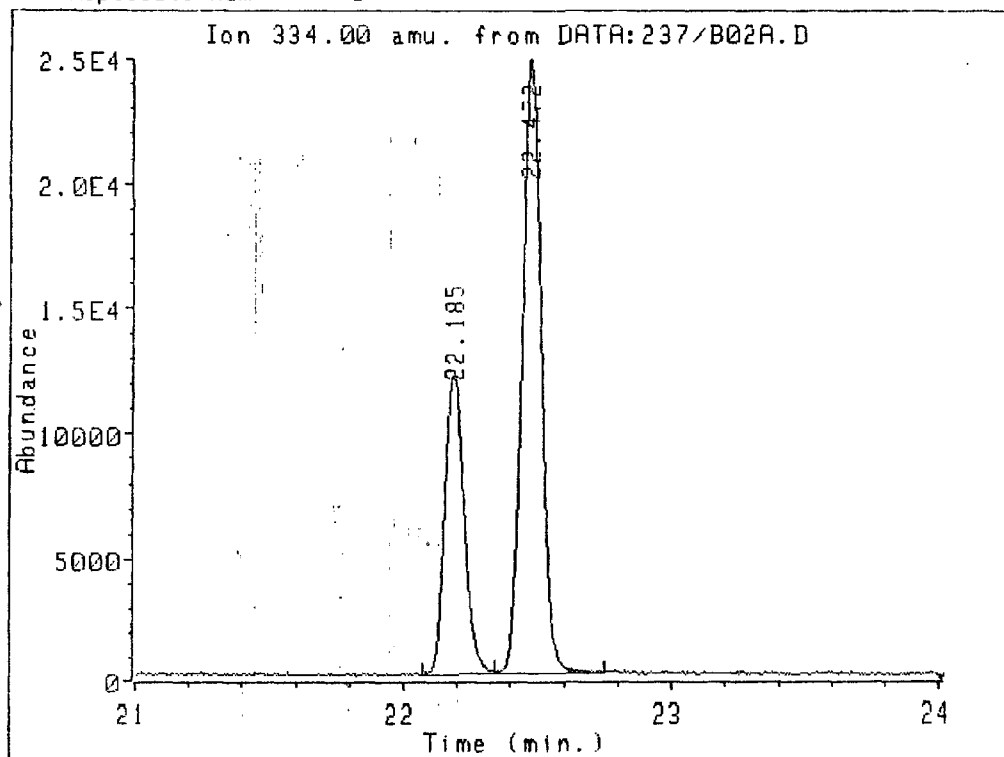
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.184	BU	0.076	494344	22.077	22.339
2	22.471	UB	0.076	1021480	22.339	22.751

Data file: DATA:237/B02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 24 Aug 88 7:51 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1



Ion 334.00 amu. from DATA:237/B02A.D
COLUMN PERFORMANCE MIX

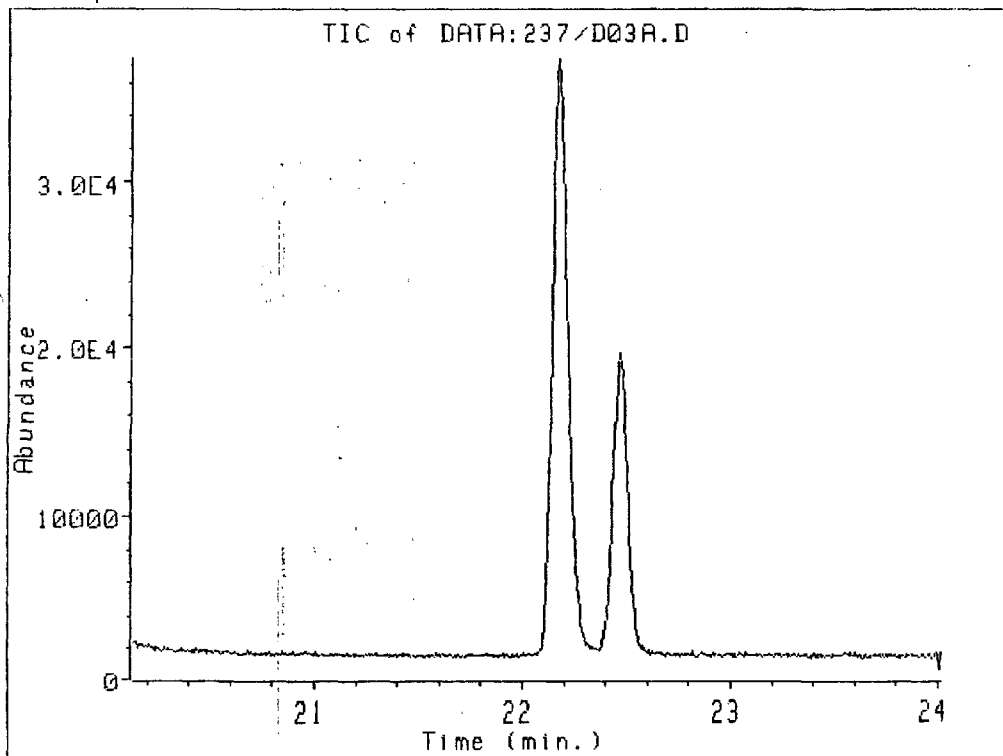
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.185	BU	0.082	624925	22.068	22.340
2	22.472	UU	0.078	1246209	22.340	22.748

Data file: DATA:237/D03A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 8:40 pm
Instrument: NS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 3
Replicate num : 1



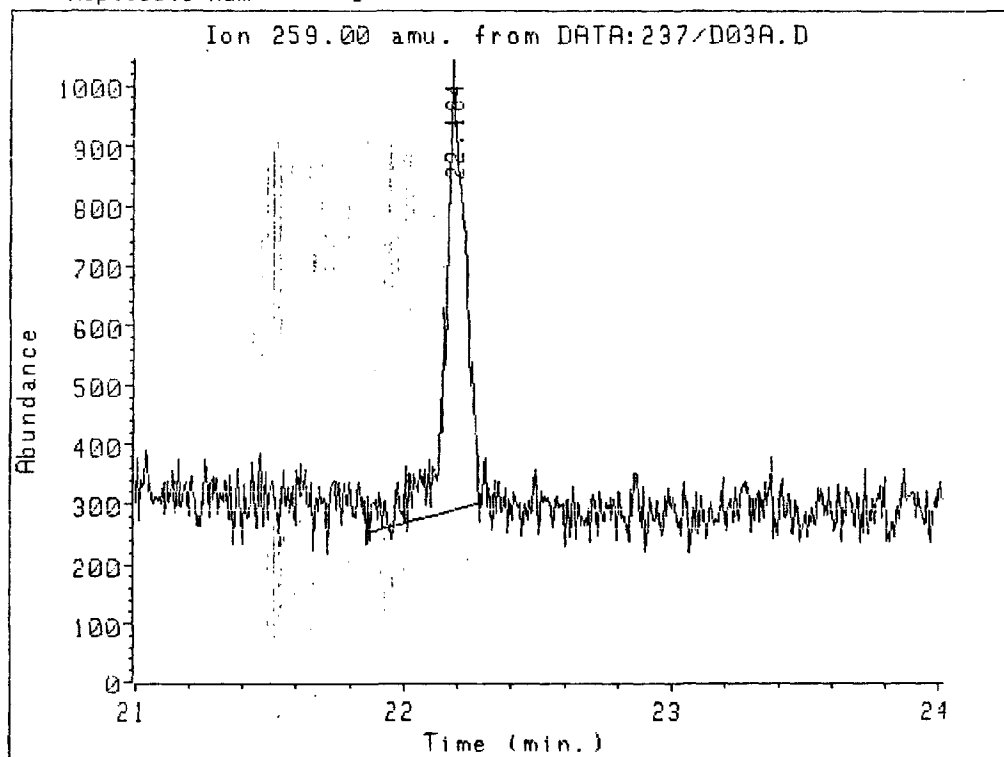
023574

Data file: DATA:237/D03A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 8:40 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 1



Ion 259.00 amu. from DATA:237/D03A.D
CALIBRATION SOLN I

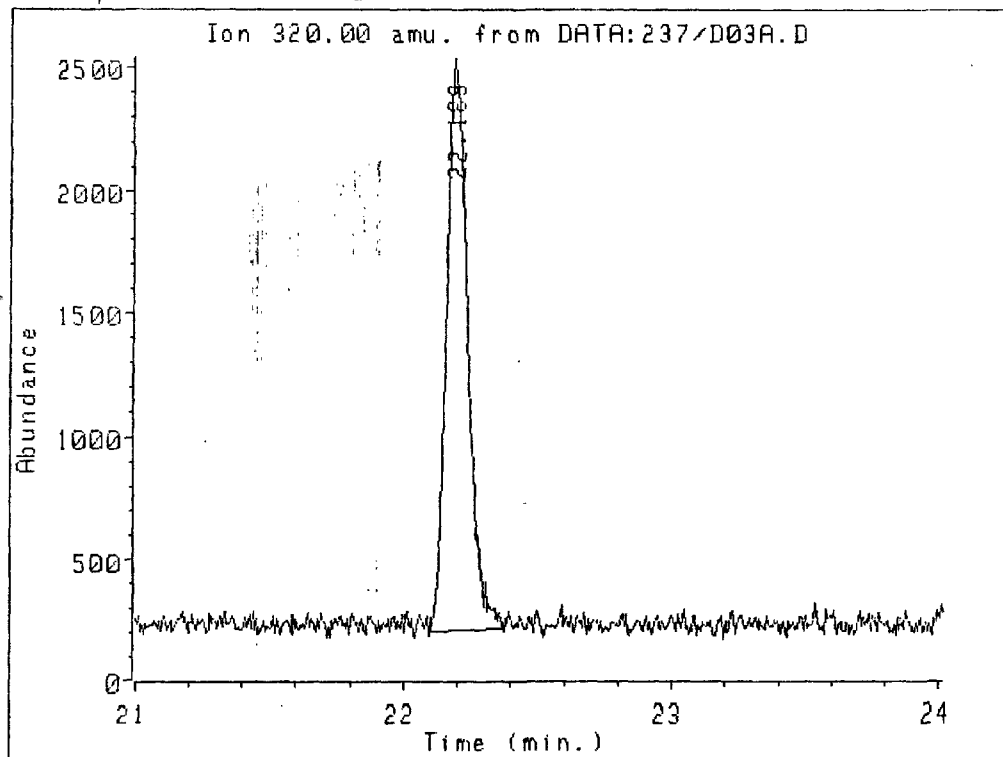
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.184	BU	0.081	40226	21.860	22.291

Data file: DATA:237/D03A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 8:40 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 3
Replicate num : 1



Ion 320.00 amu. from DATA:237/D03A.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.189	BU	0.088	128939	22.098	22.374

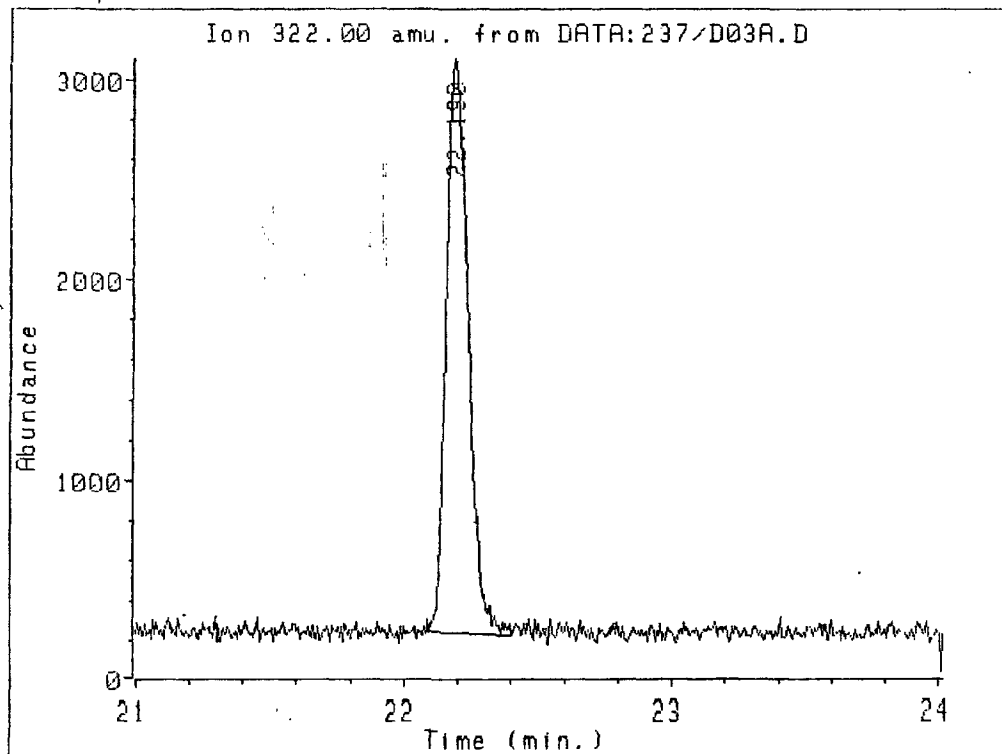
023576

Data file: DATA:237/D03A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 8:40 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 3
Replicate num : 1



Ion 322.00 amu. from DATA:237/D03A.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.190	BB	0.084	164468	22.086	22.405

Data file: DATA:237/D03A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I

Misc Info:

Operator : TMS

Date : 24 Aug 88 8:40 pm

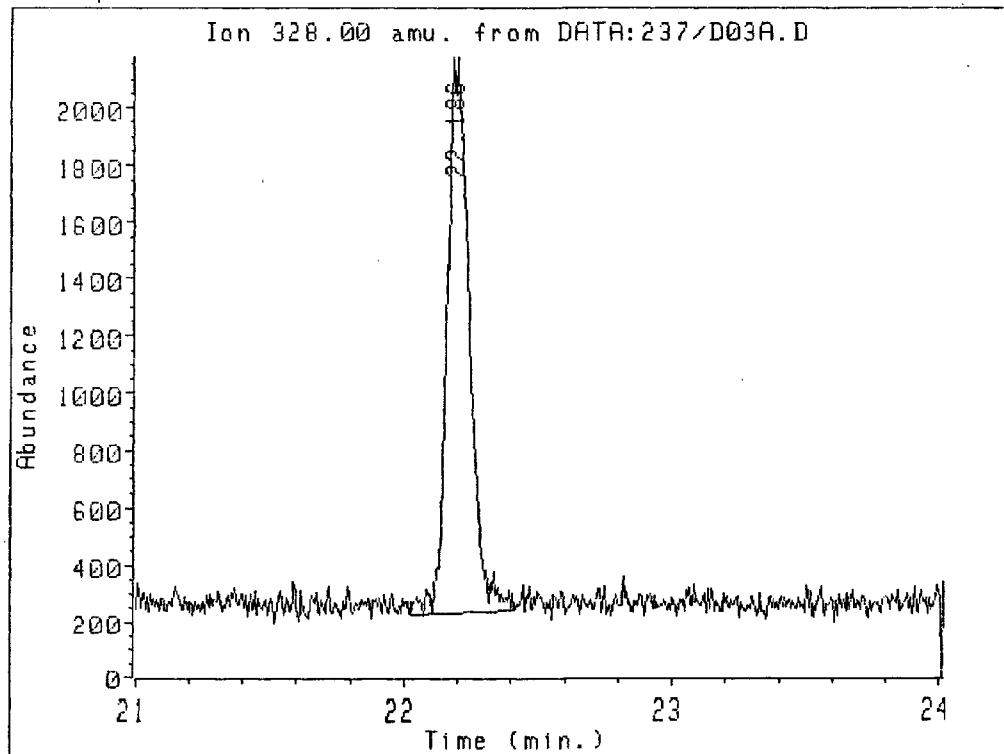
Instrument: MS_5970

Inlet : GC

Sequence index : 4

Als bottle num : 3

Replicate num : 1



Ion 328.00 amu. from DATA:237/D03A.D
CALIBRATION SOLN I

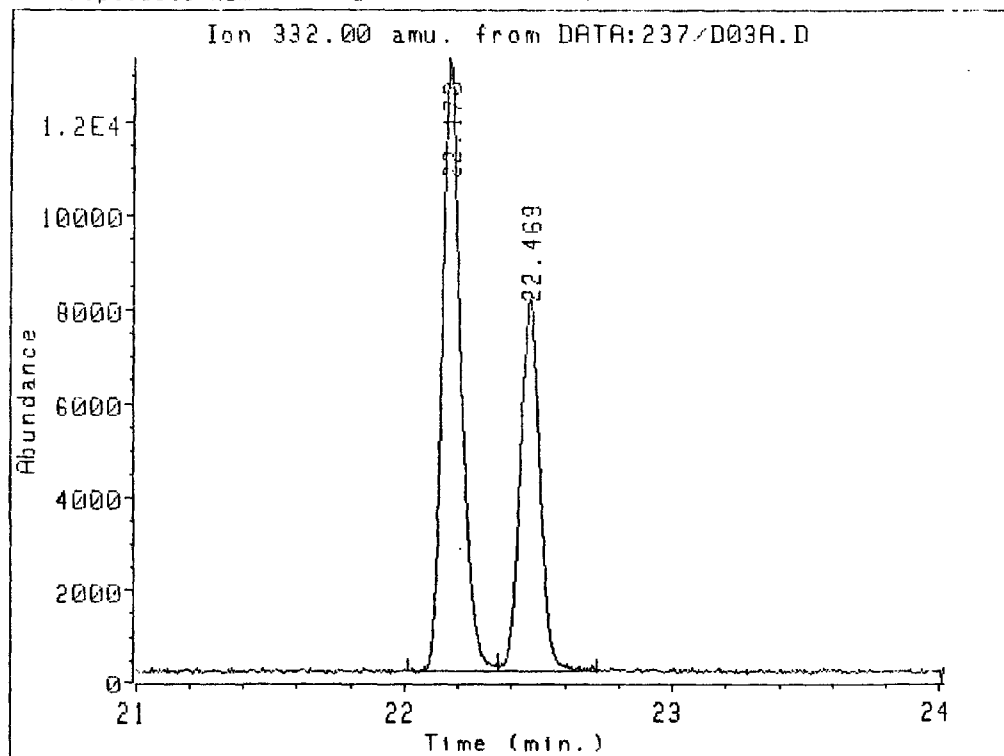
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.186	BB	0.087	113709	22.022	22.411

Data file: DATA:237/D03A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 8:40 pm
Instrument: HS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 3
Replicate num : 1



023579

Ion 332.00 amu. from DATA:237/D03A.D
CALIBRATION SOLN I

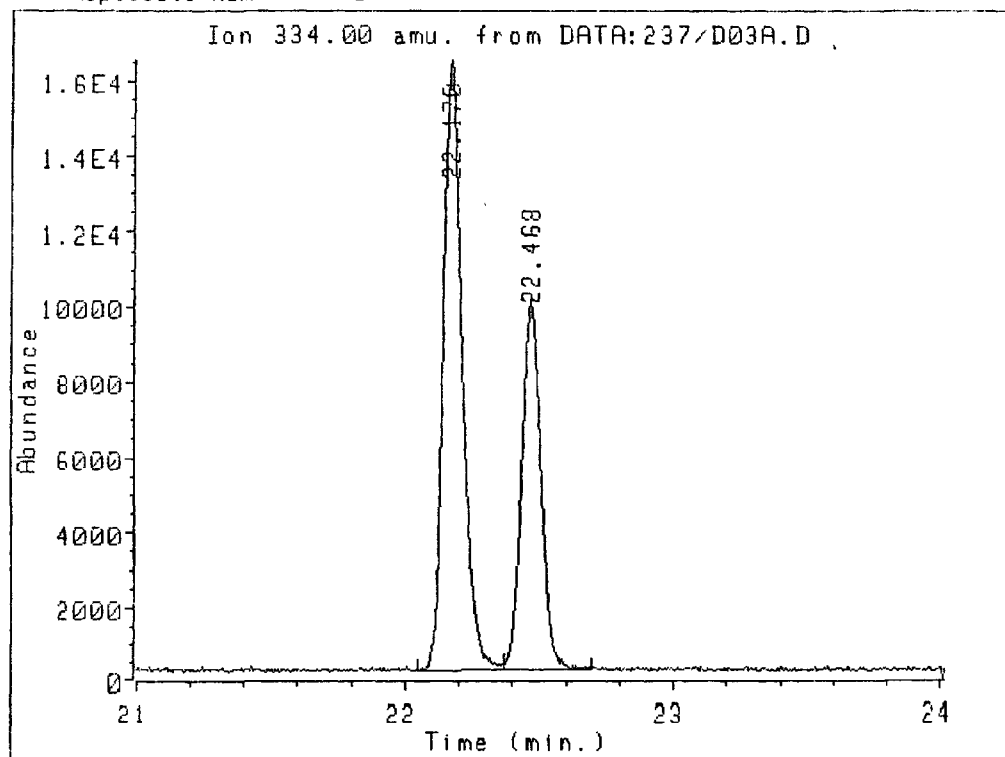
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.170	BU	0.073	645867	22.013	22.353
2	22.469	UB	0.074	410489	22.353	22.717

Data file: DATA:237/D03A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 8:40 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 1



Ion 334.00 amu. from DATA:237/D03A.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.170	BU	0.078	819059	22.049	22.368
2	22.468	UB	0.078	502201	22.368	22.696

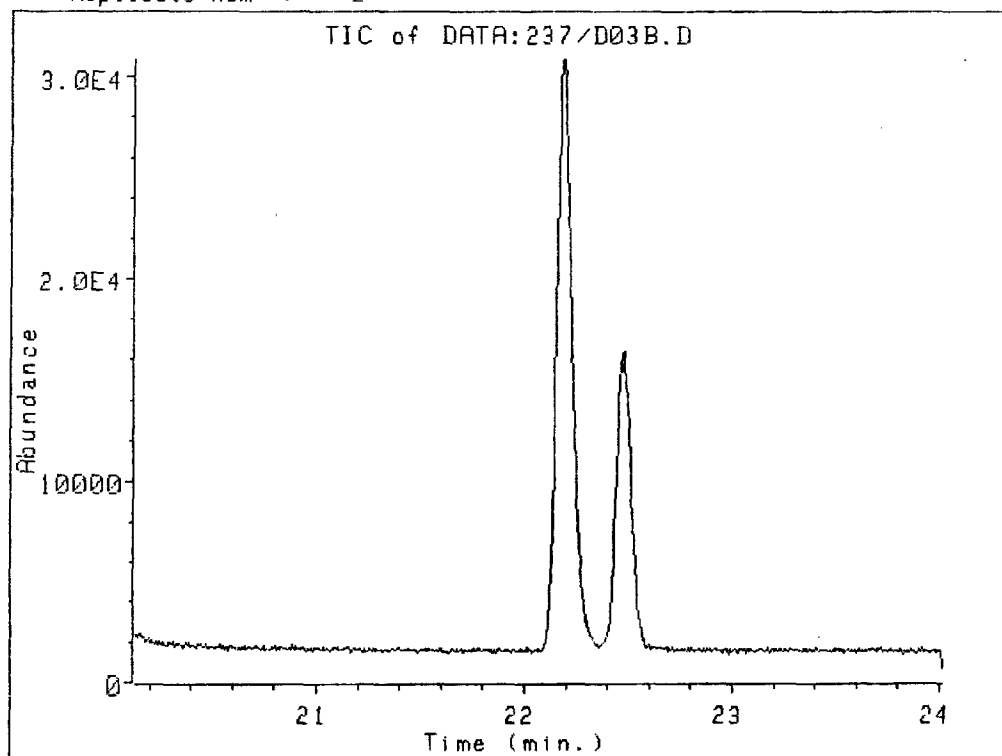
023580

Data file: DATA:237/D03B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:13 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 2



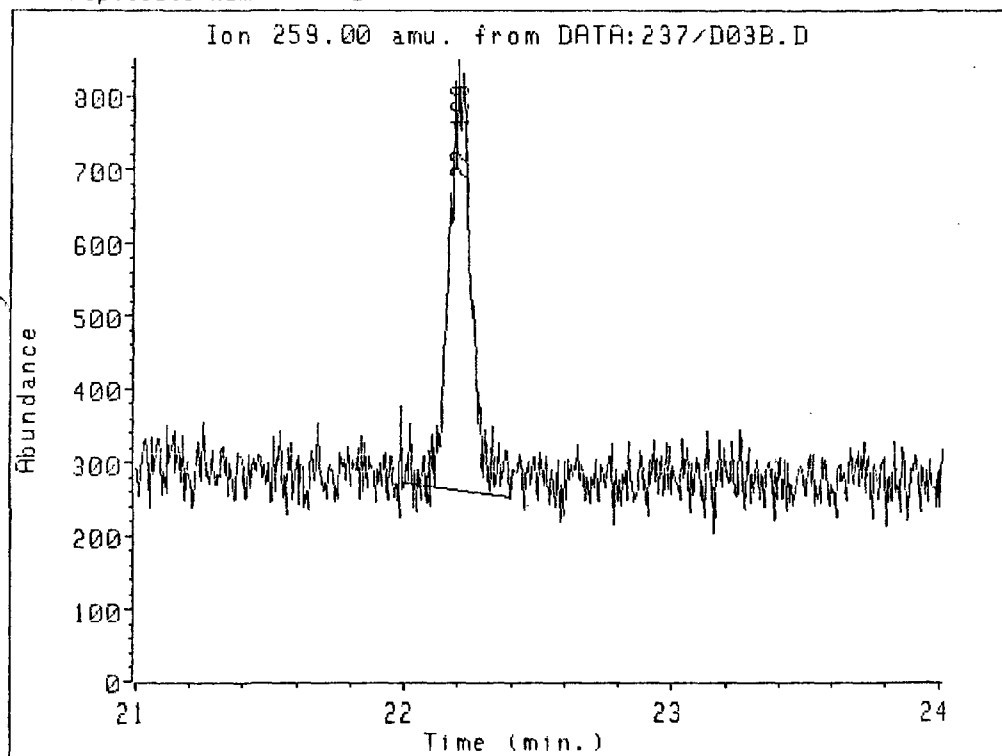
023581

Data file: DATA:237/D03B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:13 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 2



Ion 259.00 amu. from DATA:237/D03B.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.199	BB	0.083	34111	22.002	22.397

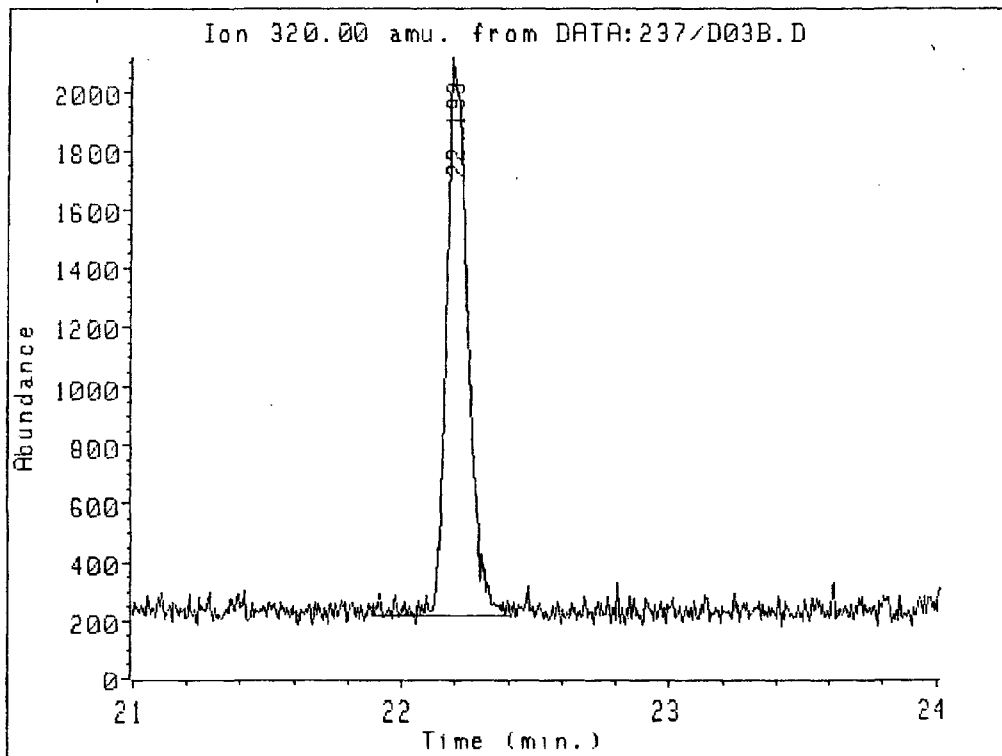
023582

Data file: DATA:237/D03B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:13 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 2



Ion 320.00 amu. from DATA:237/D03B.D
CALIBRATION SOLN I

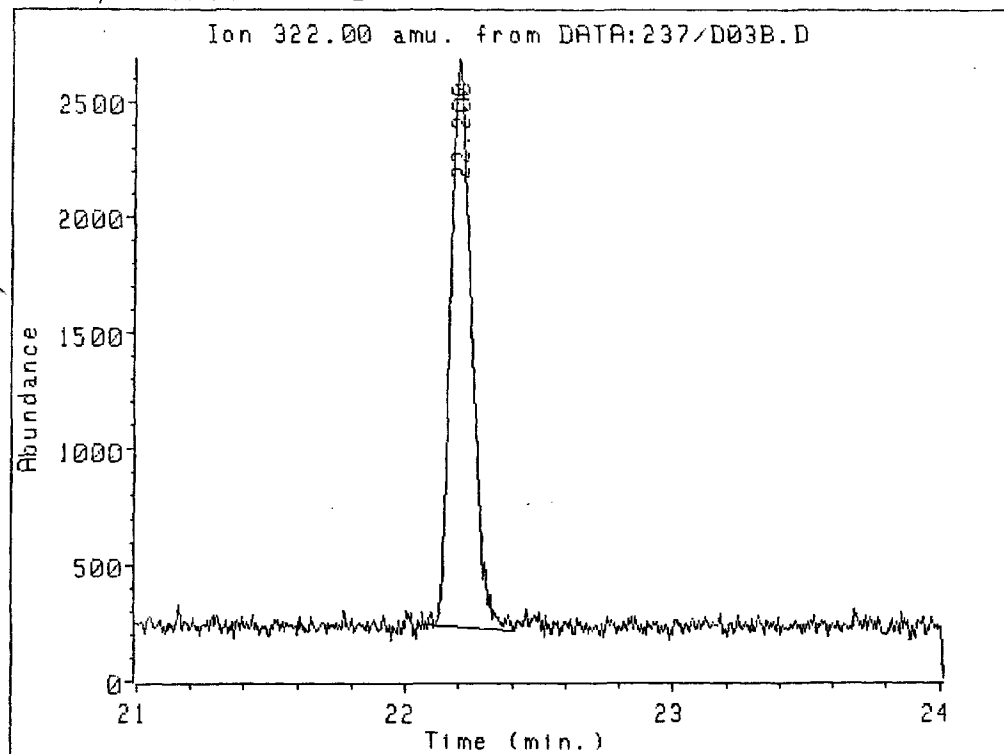
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.193	BB	0.084	106305	21.895	22.409

Data file: DATA:237/D03B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:13 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 2



Ion 322.00 amu. from DATA:237/D03B.D
CALIBRATION SOLN I

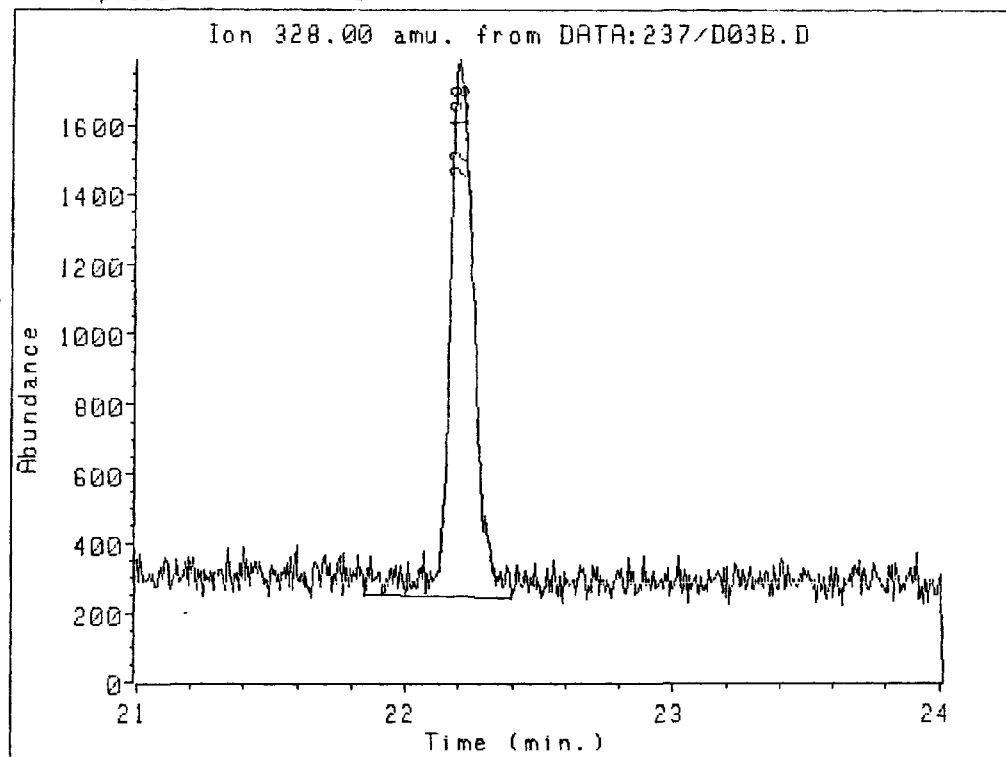
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.200	BU	0.082	134799	22.060	22.409

Data file: DATA:237/D03B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:13 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 2



Ion 328.00 amu. from DATA:237/D03B.D
CALIBRATION SOLN I

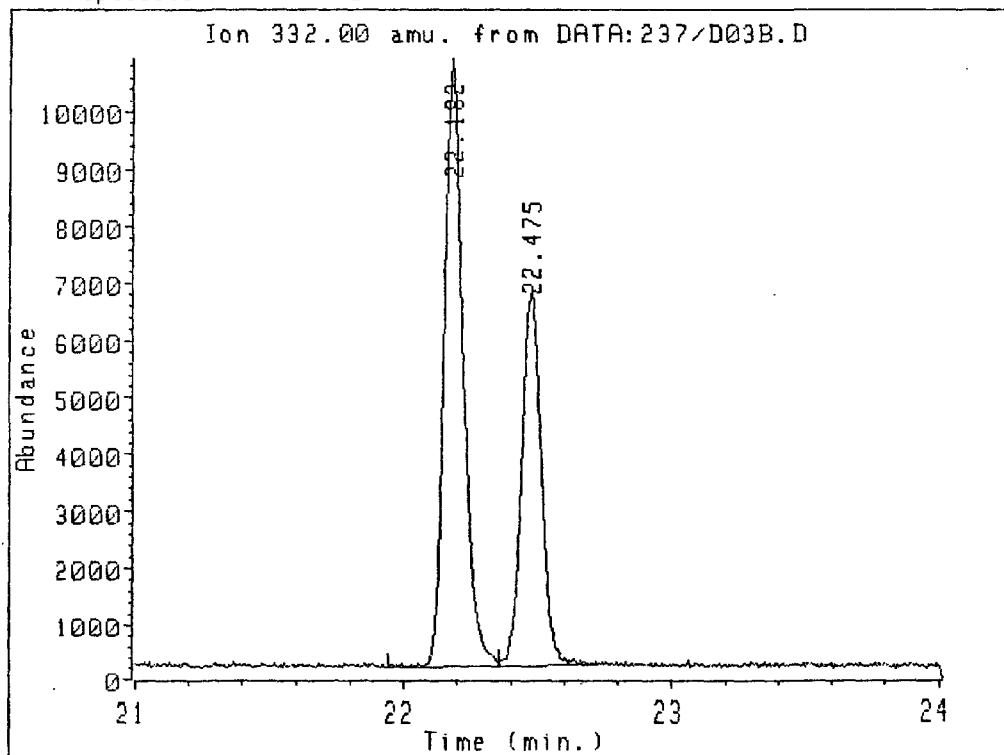
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.198	BU	0.096	100393	21.849	22.397

Data file: DATA:237/D03B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:13 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 2



Ion 332.00 amu. from DATA:237/D03B.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.182	BU	0.078	531465	21.938	22.356
2	22.475	UB	0.079	343601	22.356	22.722

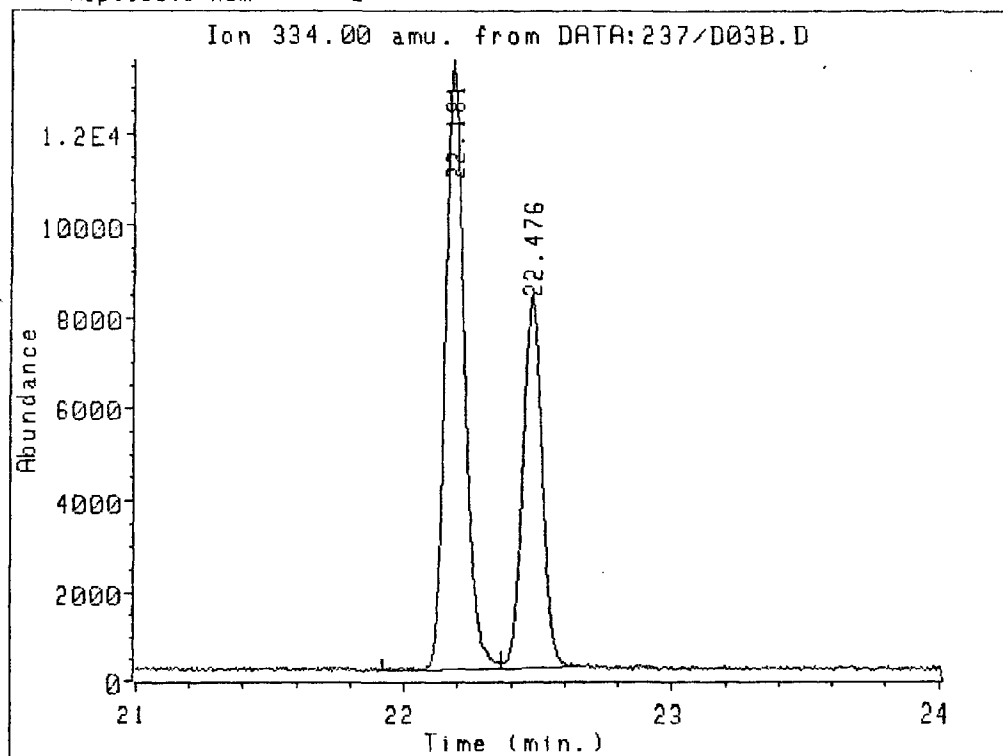
023586

Data file: DATA:237/D03B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:13 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 3
Replicate num : 2



Ion 334.00 amu. from DATA:237/D03B.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.181	BU	0.077	676173	21.919	22.363
2	22.476	UU	0.077	415558	22.363	22.670

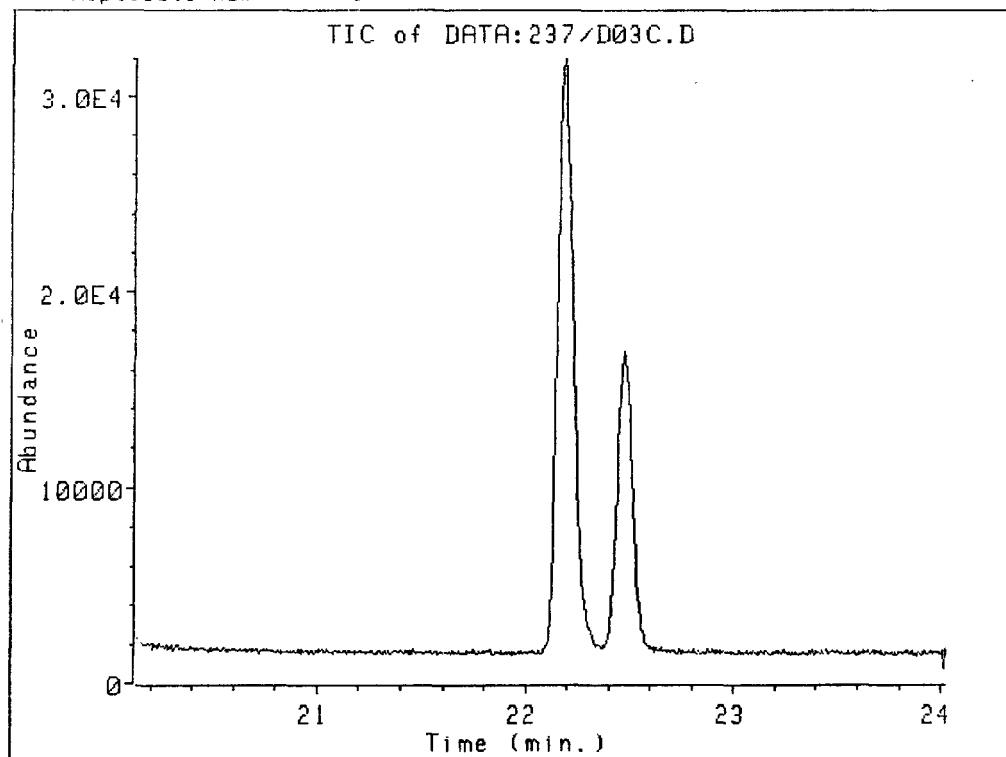
023587

Data file: DATA:237/D03C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN 1
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:46 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 3



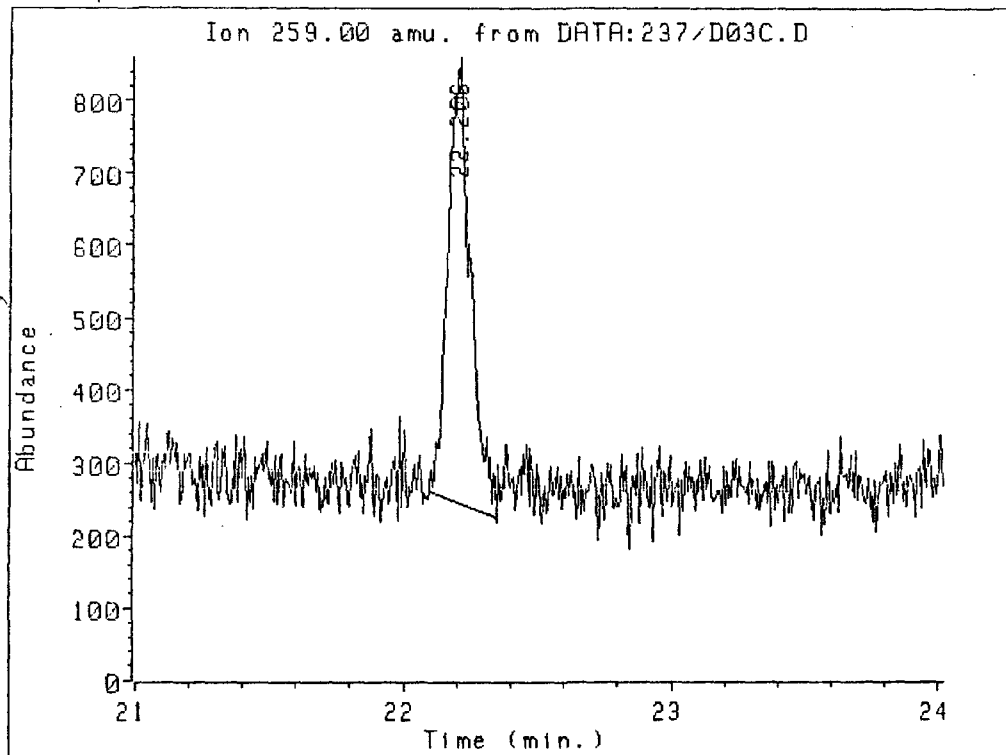
023508

Data file: DATA:237/D03C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:46 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 3
Replicate num : 3



Ion 259.00 amu. from DATA:237/D03C.D
CALIBRATION SOLN I

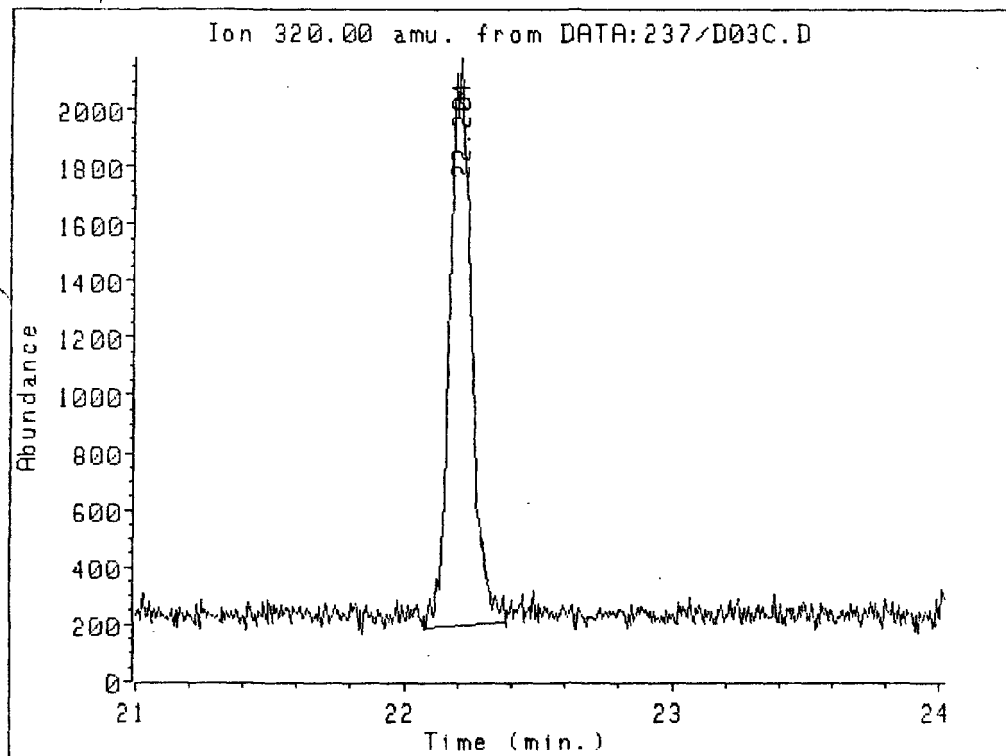
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.206	BU	0.079	36137	22.095	22.346

Data file: DATA:237/D03C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:46 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 3
Replicate num : 3



Ion 320.00 amu. from DATA:237/D03C.D
CALIBRATION SOLN I

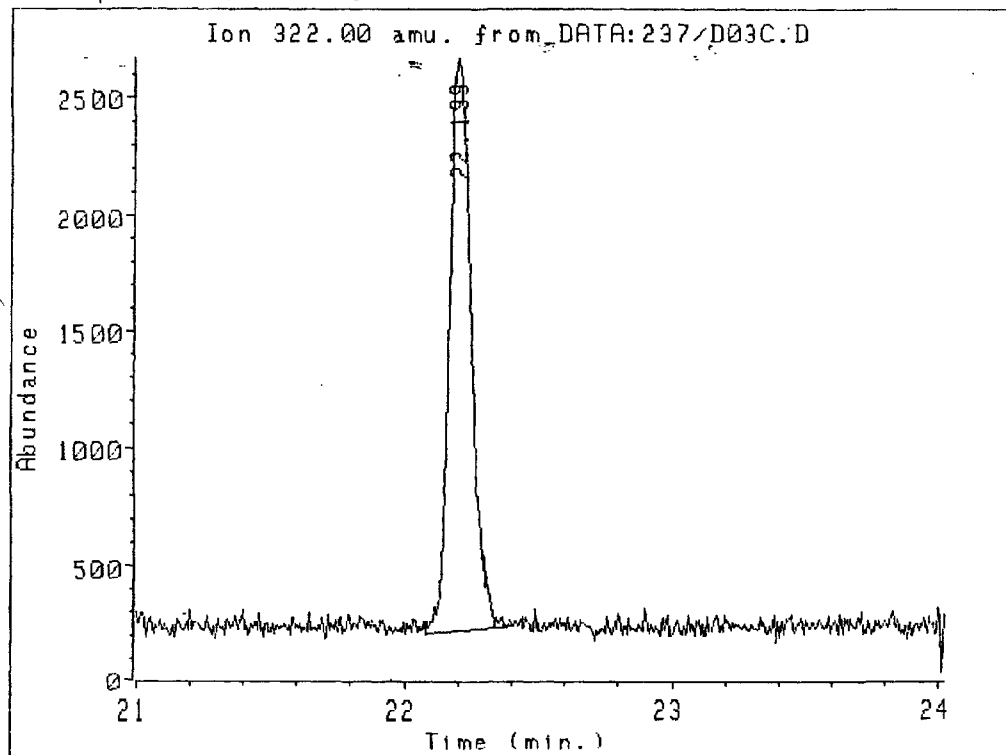
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.204	BB	0.073	112658	22.071	22.377

Data file: DATA:237/D03C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:46 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 3



Ion 322.00 amu. from DATA:237/D03C.D
CALIBRATION SOLN I

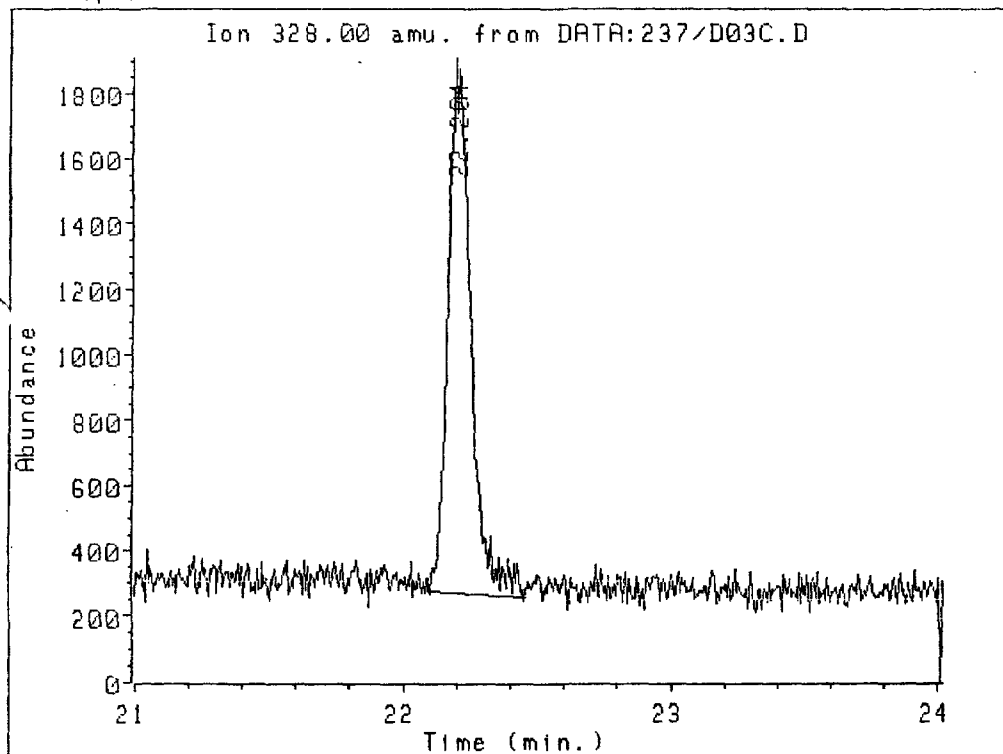
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.199	BB	0.079	139941	22.077	22.404

Data file: DATA:237/D03C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:46 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 3
Replicate num : 3



Ion 328.00 amu. from DATA:237/D03C.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.204	BB	0.076	97687	22.098	22.456

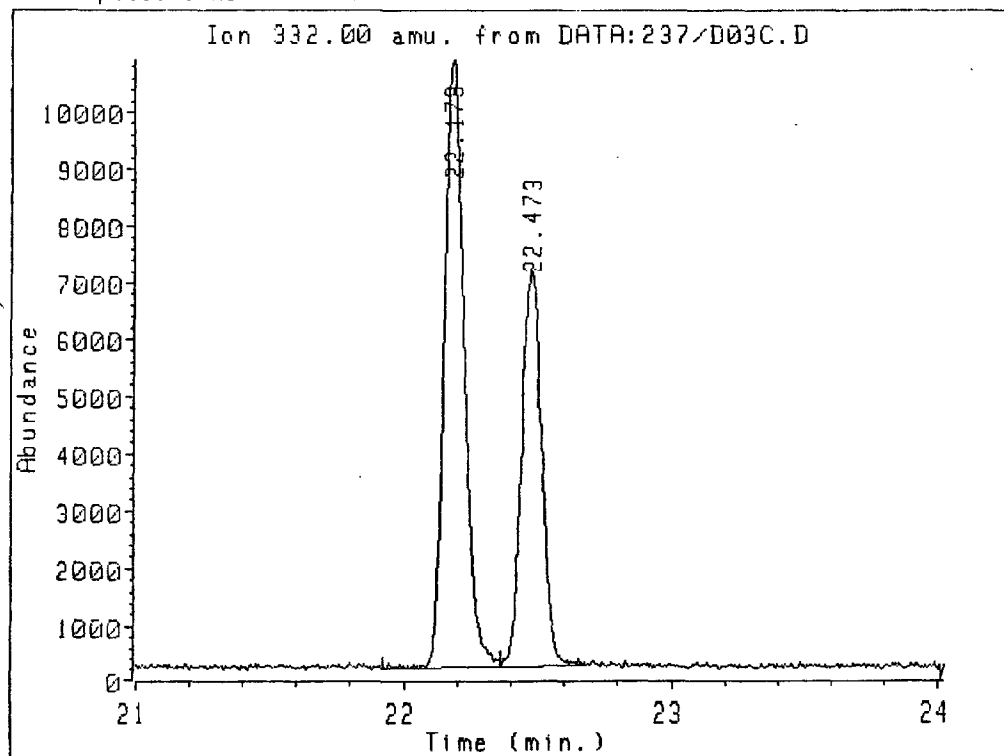
023592

Data file: DATA:237/D03C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:46 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 3



Ion 332.00 amu. from DATA:237/D03C.D
CALIBRATION SOLN I

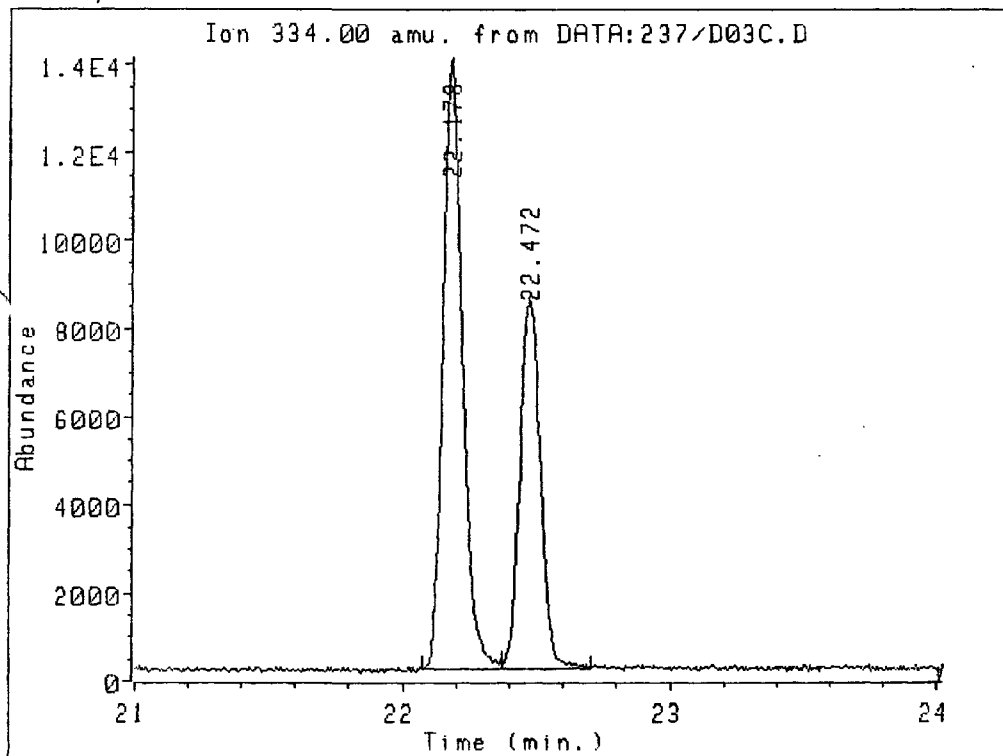
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.179	BU	0.078	558377	21.918	22.362
2	22.473	UV	0.072	356427	22.362	22.683

Data file: DATA:237/D03C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:46 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 3



Ion 334.00 amu. from DATA:237/D03C.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.178	BU	0.079	698782	22.074	22.371
2	22.472	UV	0.078	435585	22.371	22.701

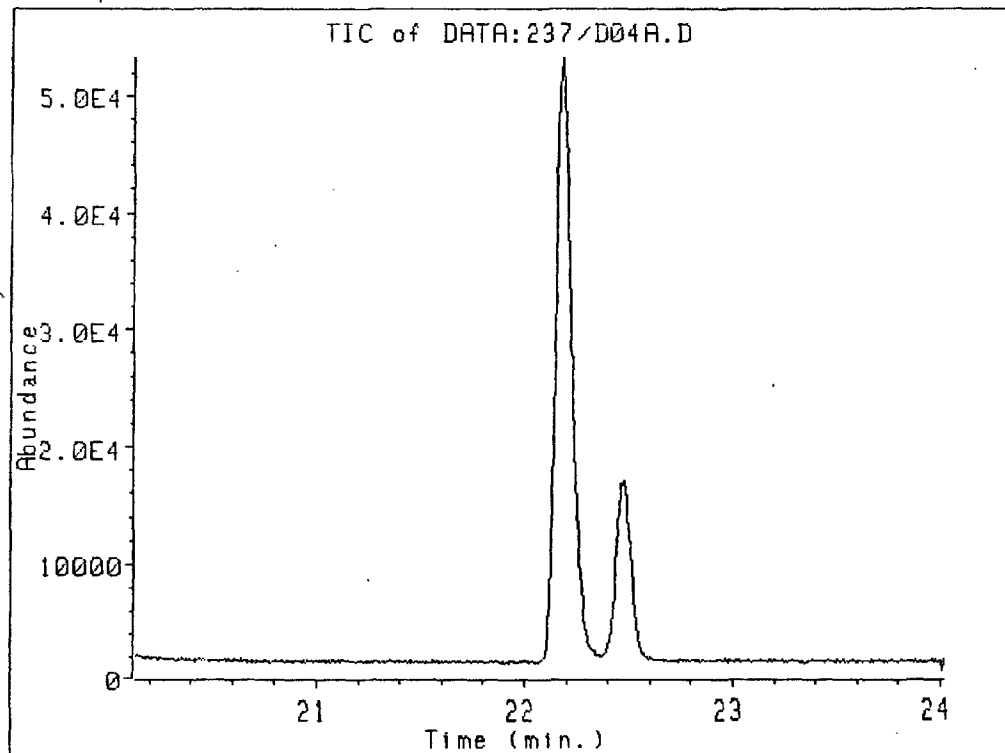
023594

Data file: DATA:237/D04A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:19 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 1



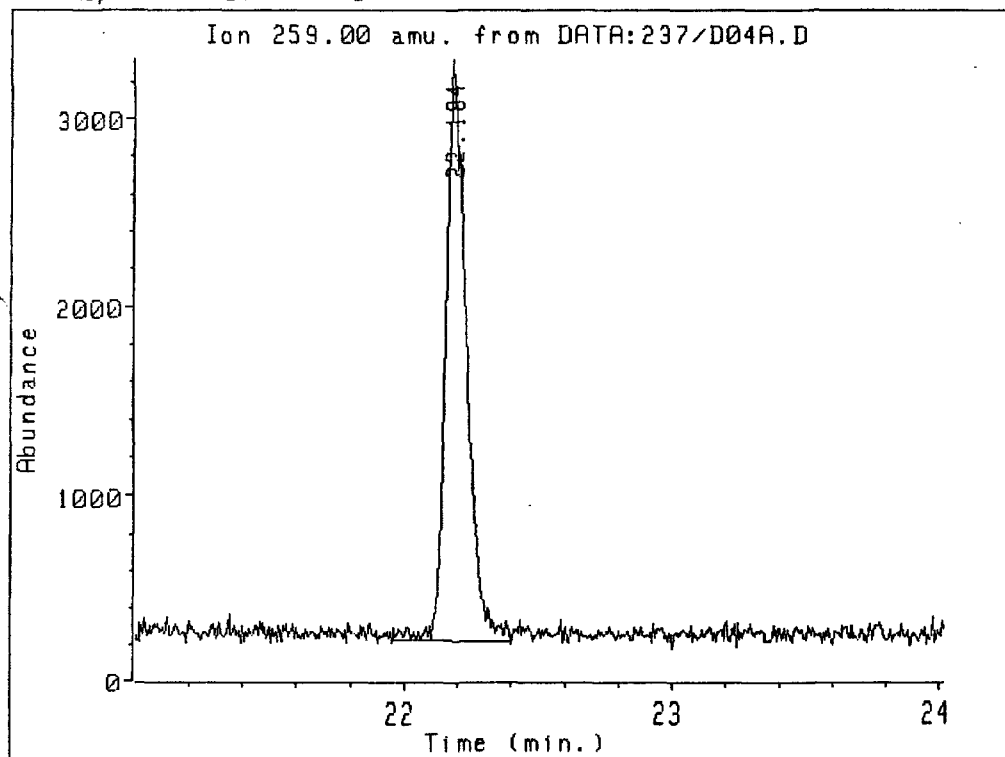
023595

Data file: DATA:237/D04A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:19 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 1



Ion 259.00 amu. from DATA:237/D04A.D
CALIBRATION SOLN II

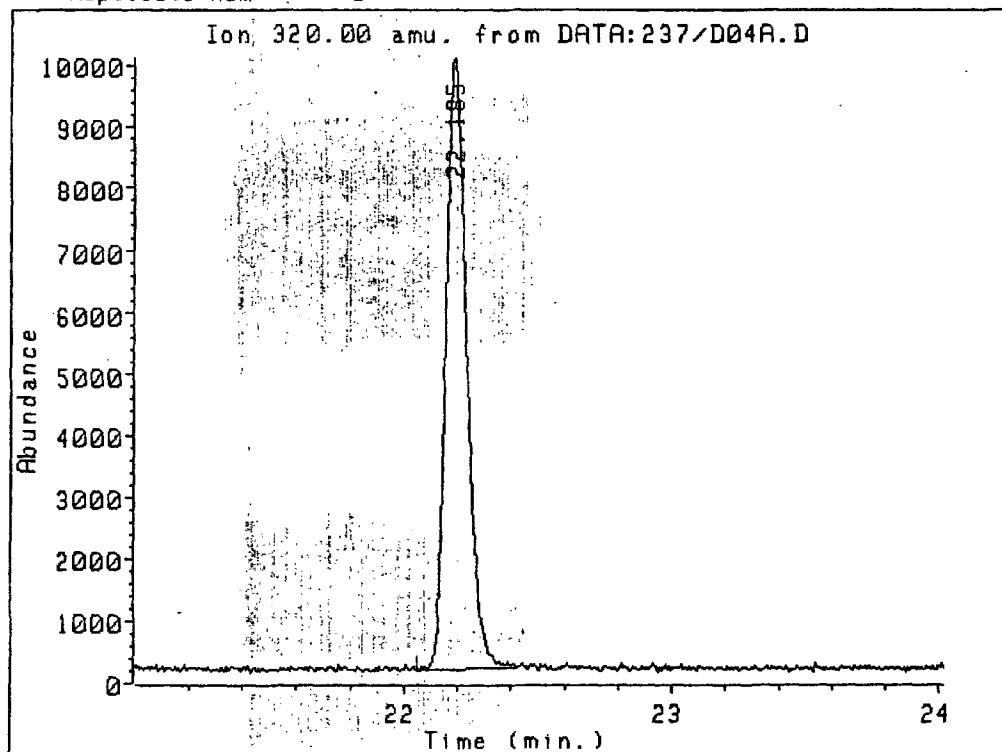
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.184	BU	0.078	167945	21.959	22.399

Data file: DATA:237/D04A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:19 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 1



Ion 320.00 amu. from DATA:237/D04A.D
CALIBRATION SOLN II

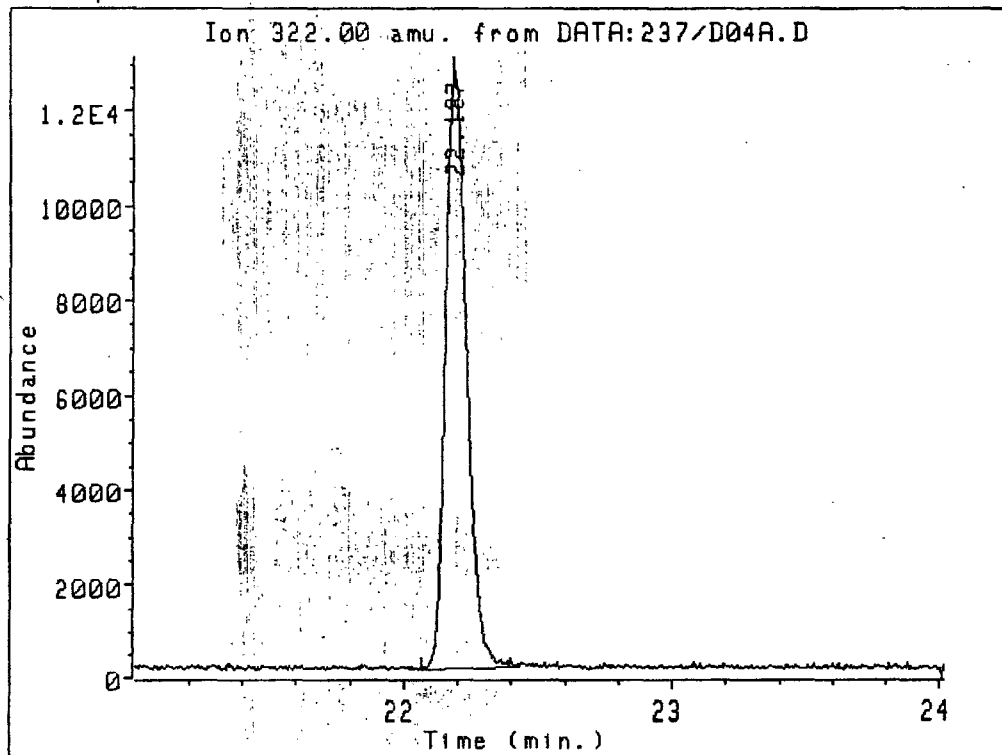
Peak#	Ret Time	Type	Area	Start Time	End Time
1	22.185	BV	539480	22.050	22.421

Data file: DATA:237/D04A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:19 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 1



Ion 322.00 amu. from DATA:237/D04A.D
CALIBRATION SOLN II

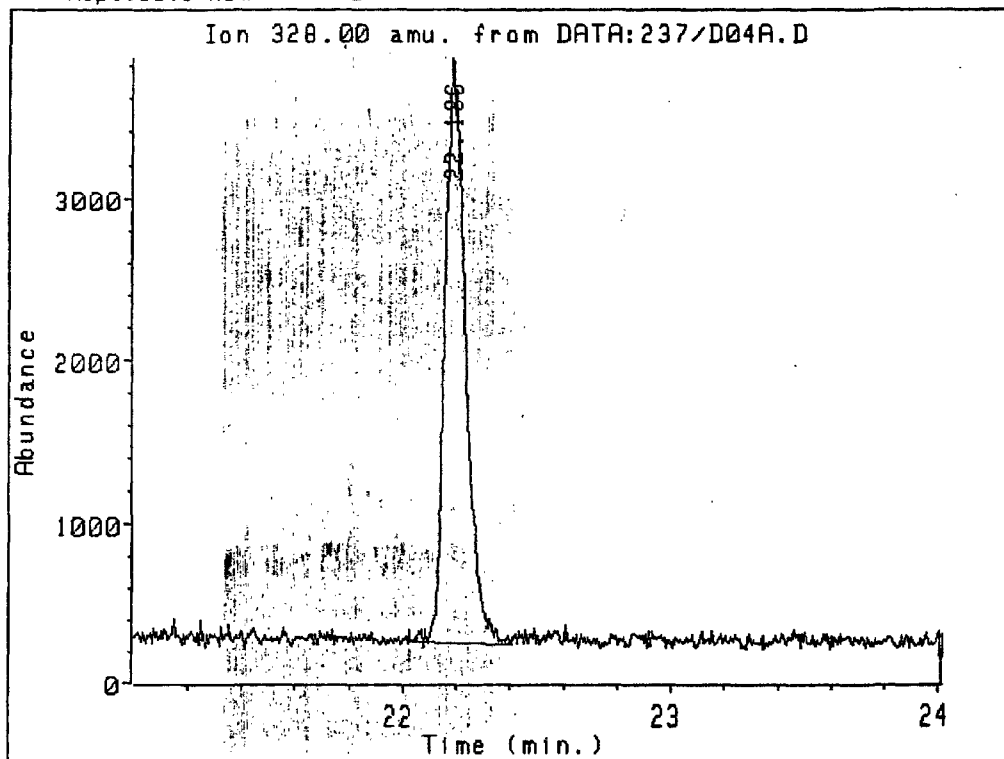
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.187	BB	0.086	701310	22.066	22.433

Data file: DATA:237/D04A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:19 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 1



Ion 328.00 amu. from DATA:237/D04A.D
CALIBRATION SOLN II

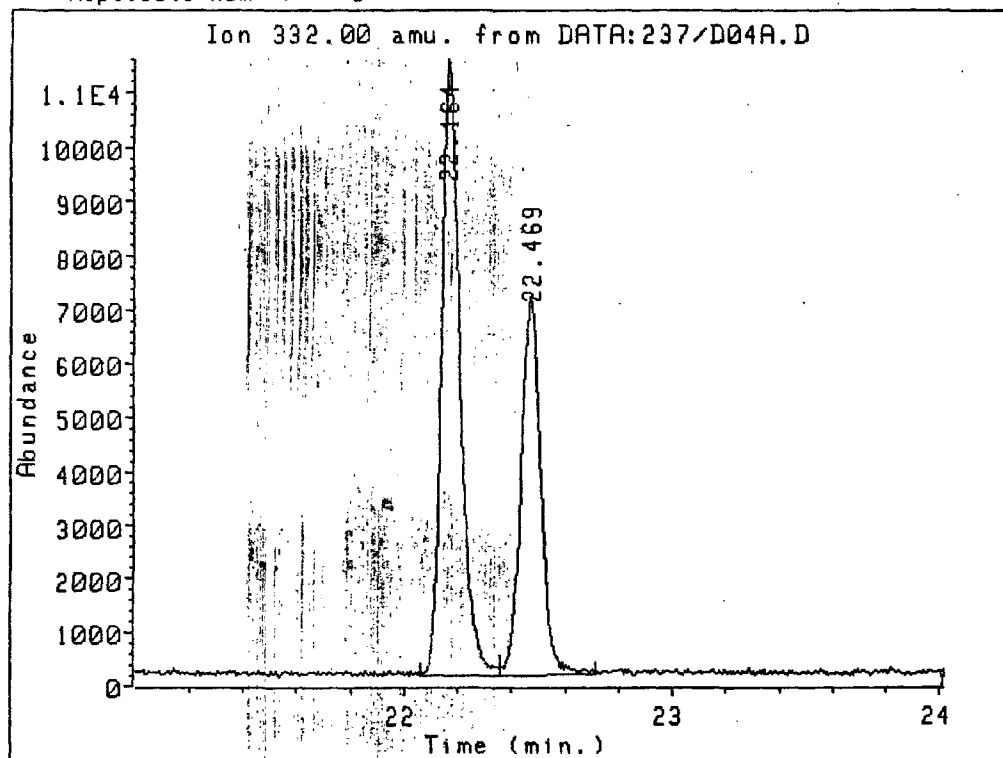
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.186	BB	0.072	194962	22.026	22.405

Data file: DATA:237/D04A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:19 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 1



Ion 332.00 amu. from DATA:237/D04A.D
CALIBRATION SOLN II

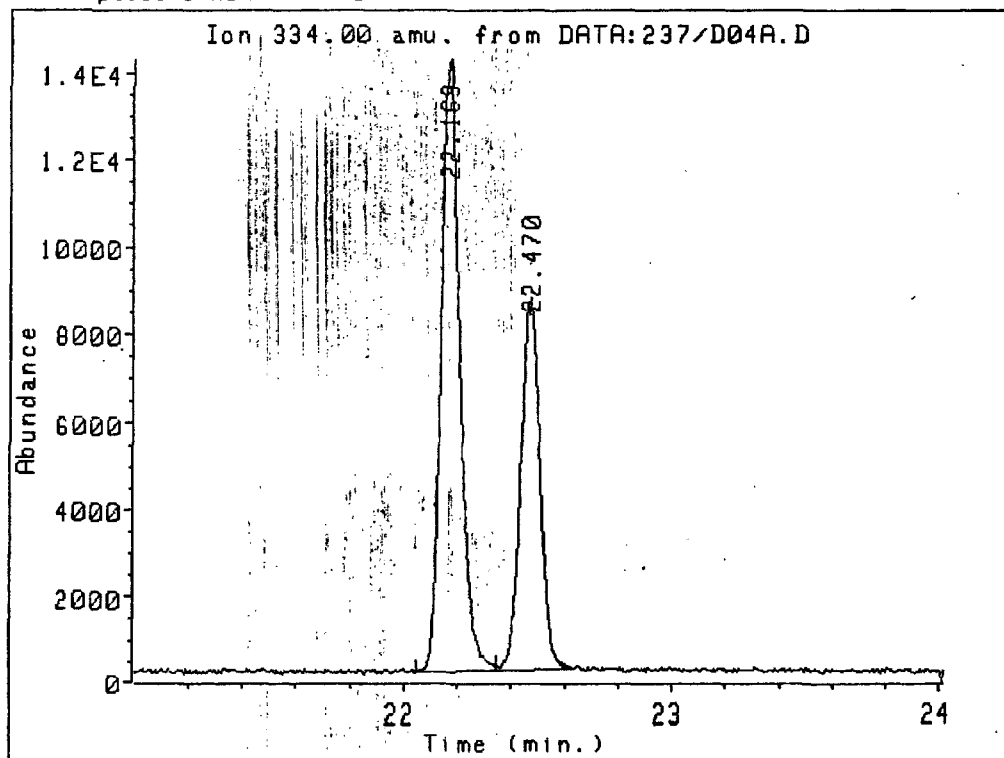
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.164	BU	0.077	554823	22.060	22.357
2	22.469	UU	0.081	362473	22.357	22.712

Data file: DATA:237/D04A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:19 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 1



Ion 334.00 amu. from DATA:237/D04A.D
CALIBRATION SOLN II

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.169	BU	0.073	691560	22.047	22.347
2	22.470	UV	0.082	433397	22.347	22.632

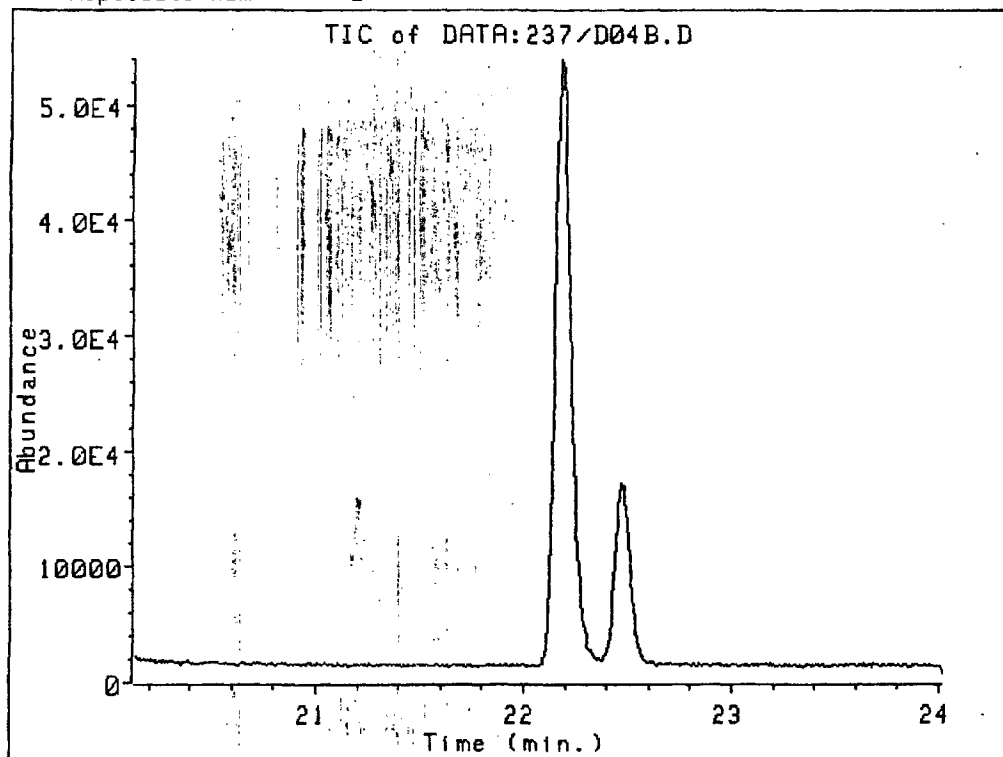
023601

Data file: DATA:237/D04B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:52 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 2



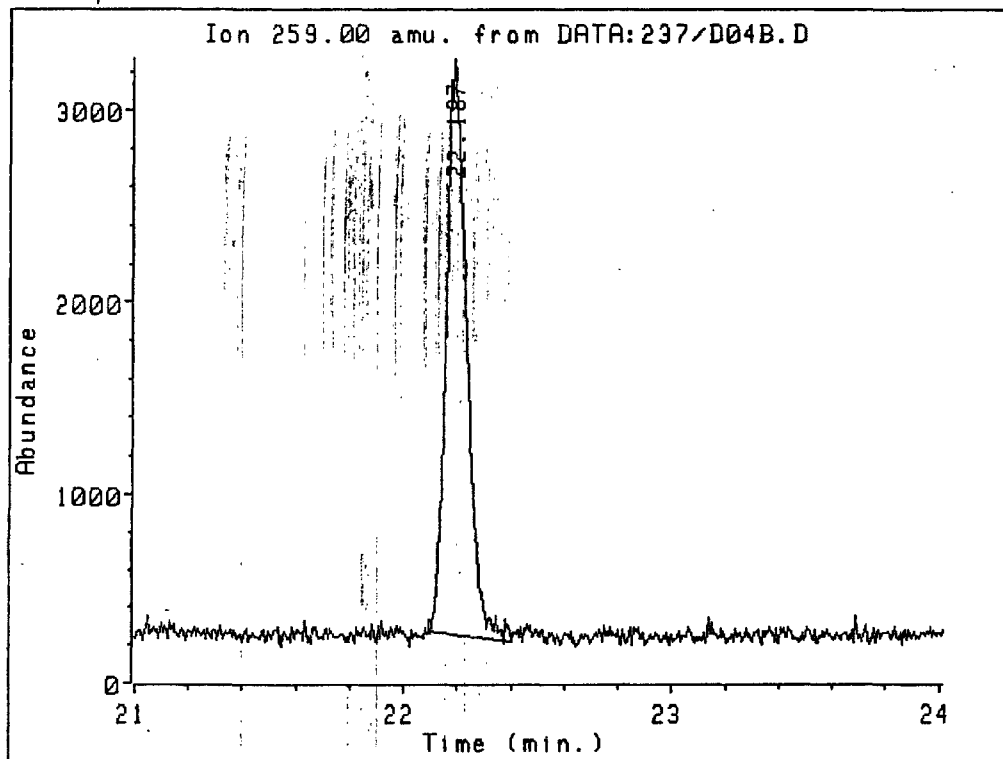
023602

Data file: DATA:237/D04B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:52 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 2



Ion 259.00 amu. from DATA:237/D04B.D
CALIBRATION SOLN II

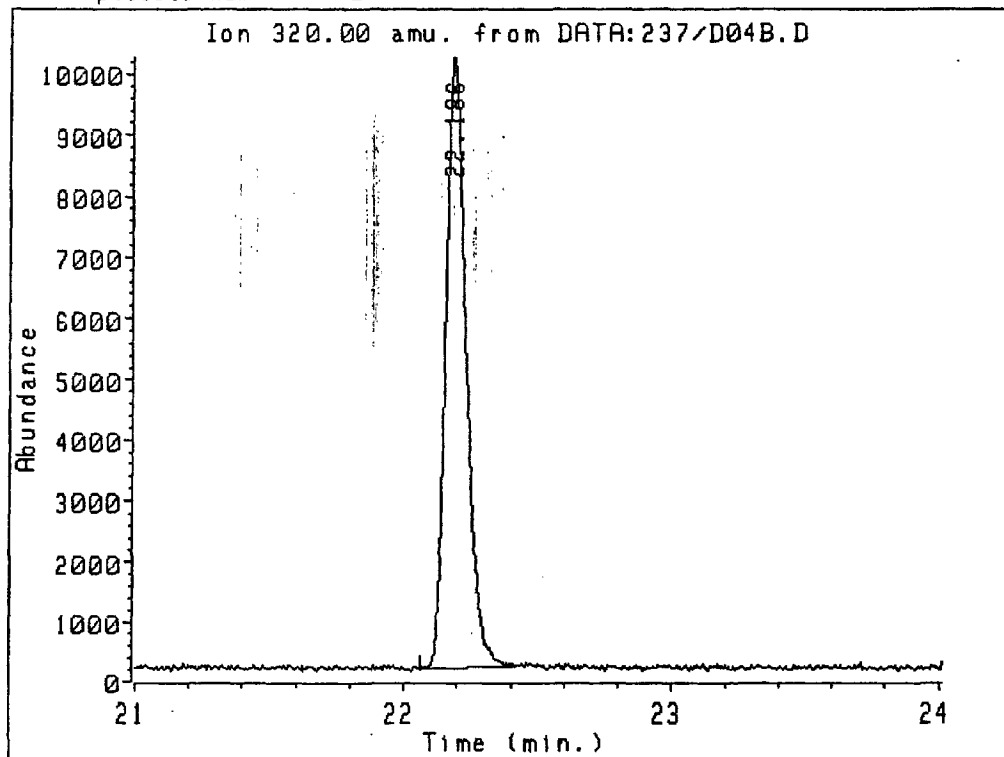
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.187	BV	0.076	161874	22.091	22.404

Data file: DATA:237/D04B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:52 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 4
Replicate num : 2



Ion 320.00 amu. from DATA:237/D04B.D
CALIBRATION SOLN II

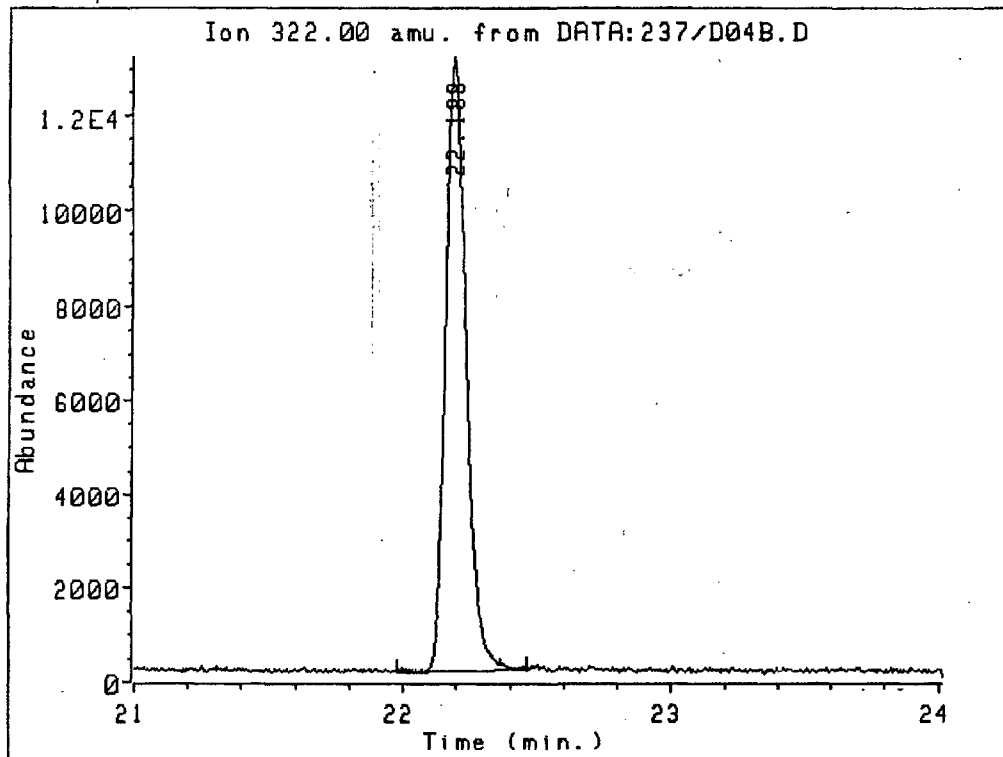
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.186	BB	0.081	538013	22.061	22.419

Data file: DATA:237/D04B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:52 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 2



Ion 322.00 amu. from DATA:237/D04B.D
CALIBRATION SOLN II

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.188	BV	0.087	708990	21.975	22.462

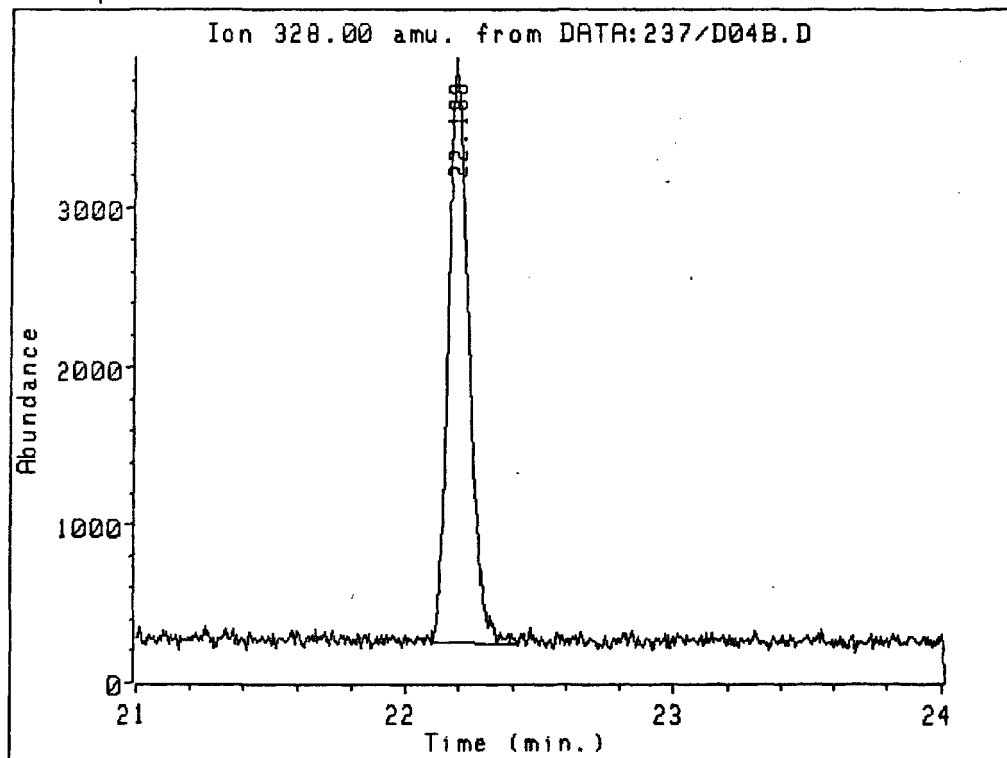
4 1879

Data file: DATA:237/D04B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:52 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 2



Ion 328.00 amu. from DATA:237/D04B.D
CALIBRATION SOLN II

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.188	BB	0.080	196976	22.097	22.419

03223817

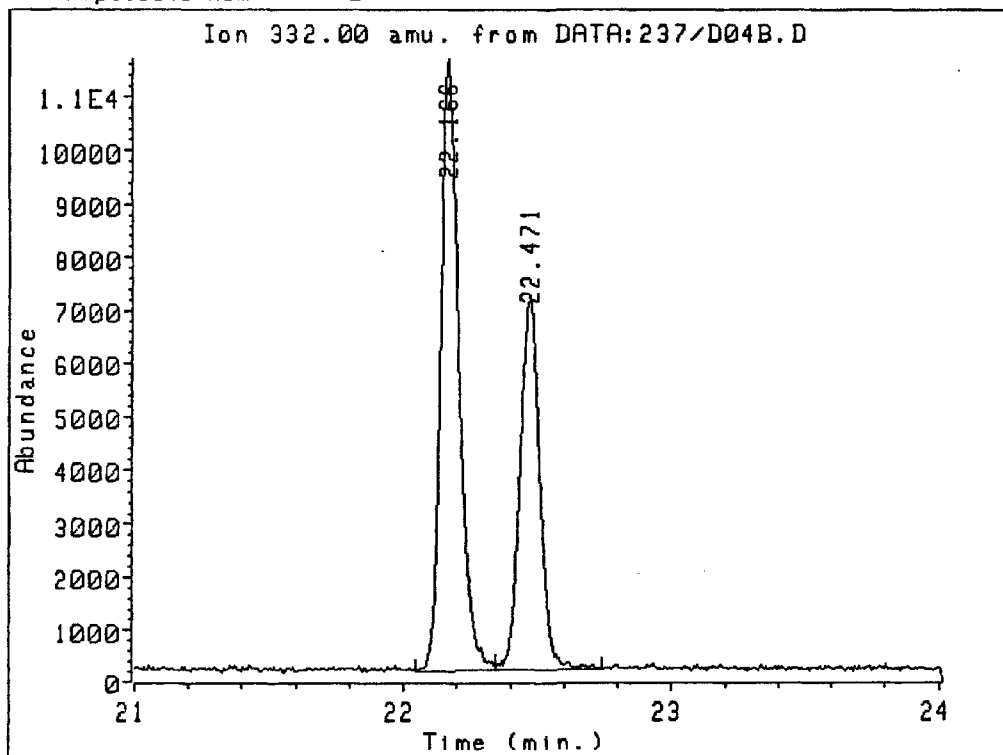
023606

Data file: DATA:237/D04B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:52 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 2



Ion 332.00 amu. from DATA:237/D04B.D
CALIBRATION SOLN II

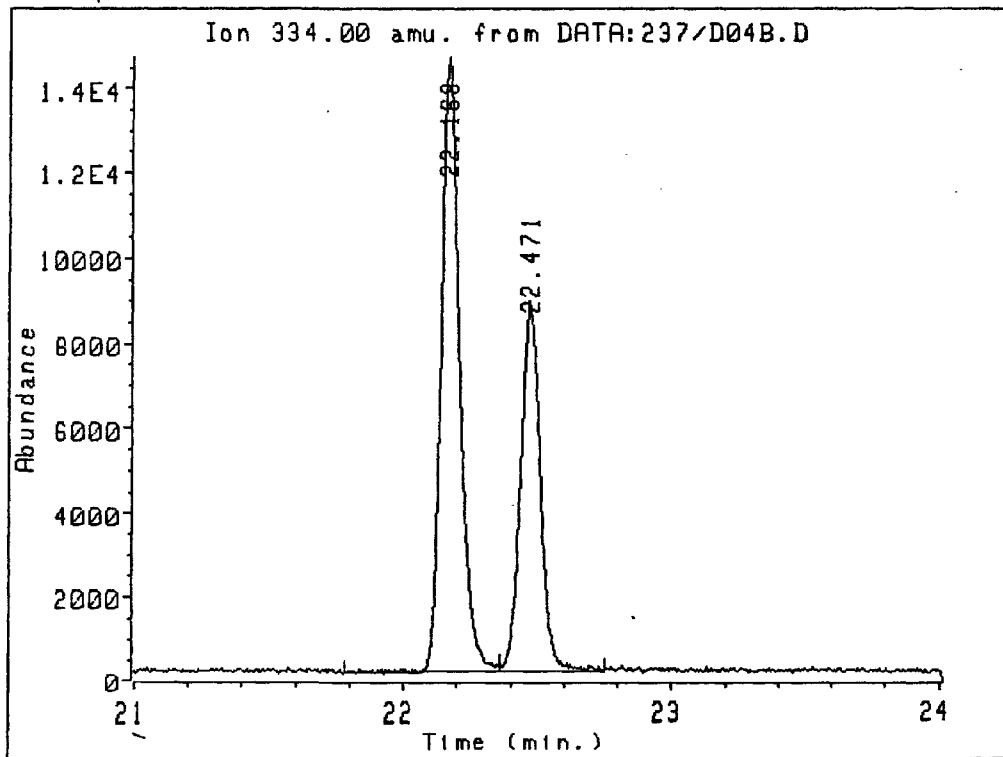
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.166	BU	0.074	554417	22.045	22.345
2	22.471	UB	0.080	365989	22.345	22.741

Data file: DATA:237/D04B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:52 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 2



023608

Ion 334.00 amu. from DATA:237/D04B.D
CALIBRATION SOLN II

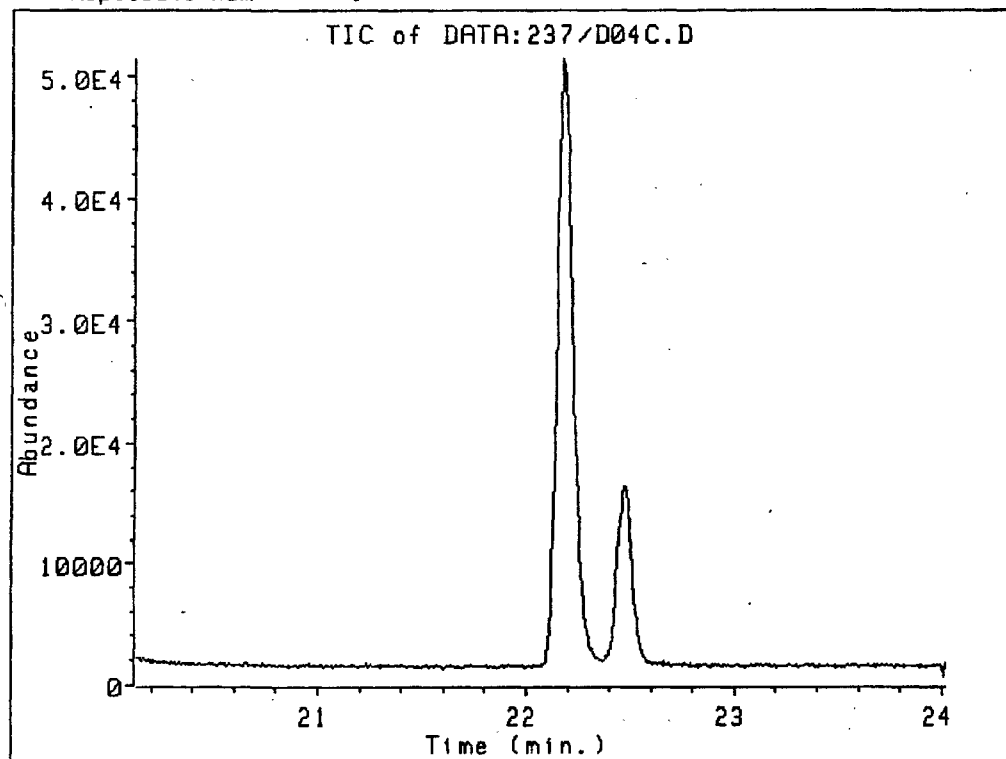
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.168	BU	0.073	707759	21.782	22.364
2	22.471	VV	0.080	447671	22.364	22.750

Data file: DATA:237/D04C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:25 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 3



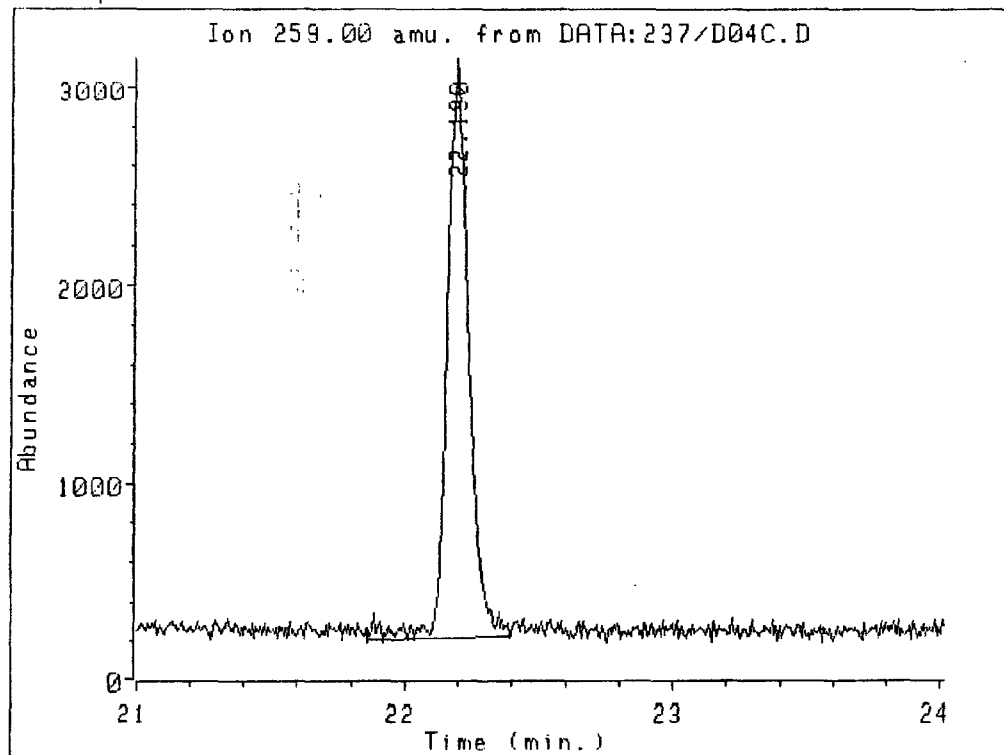
023609

Data file: DATA:237/D04C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN 11
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:25 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 4
Replicate num : 3



Ion 259.00 amu. from DATA:237/D04C.D
CALIBRATION SOLN 11

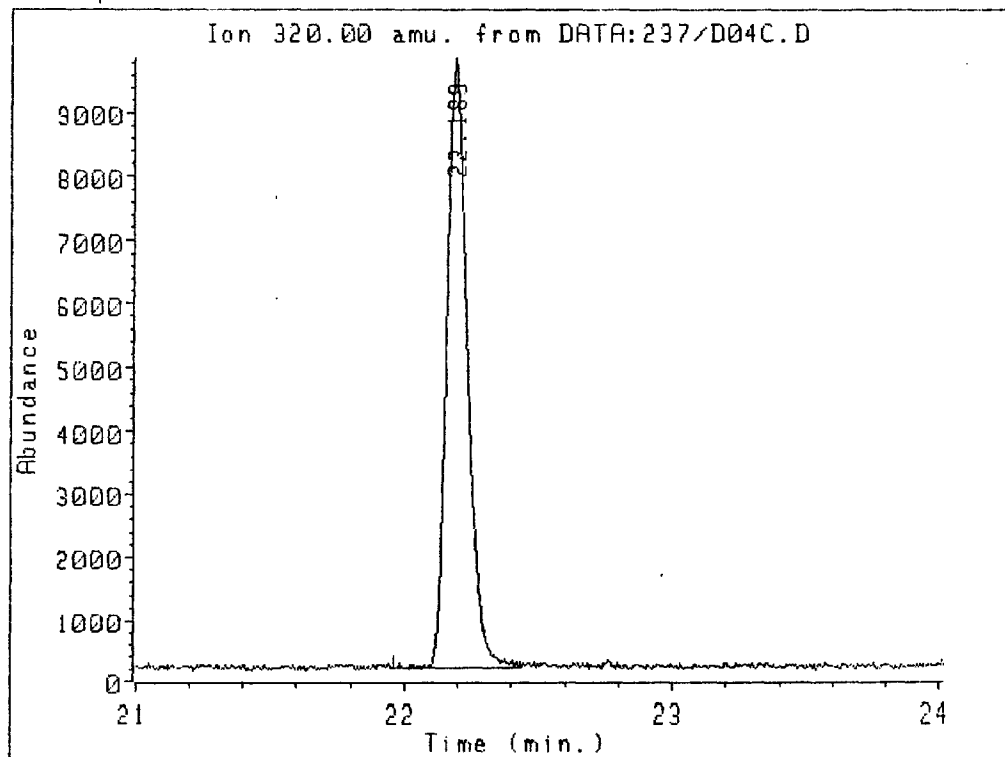
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.190	BU	0.075	165578	21.863	22.396

Data file: DATA:237/D04C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:25 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 3



Ion 320.00 amu. from DATA:237/D04C.D
CALIBRATION SOLN II

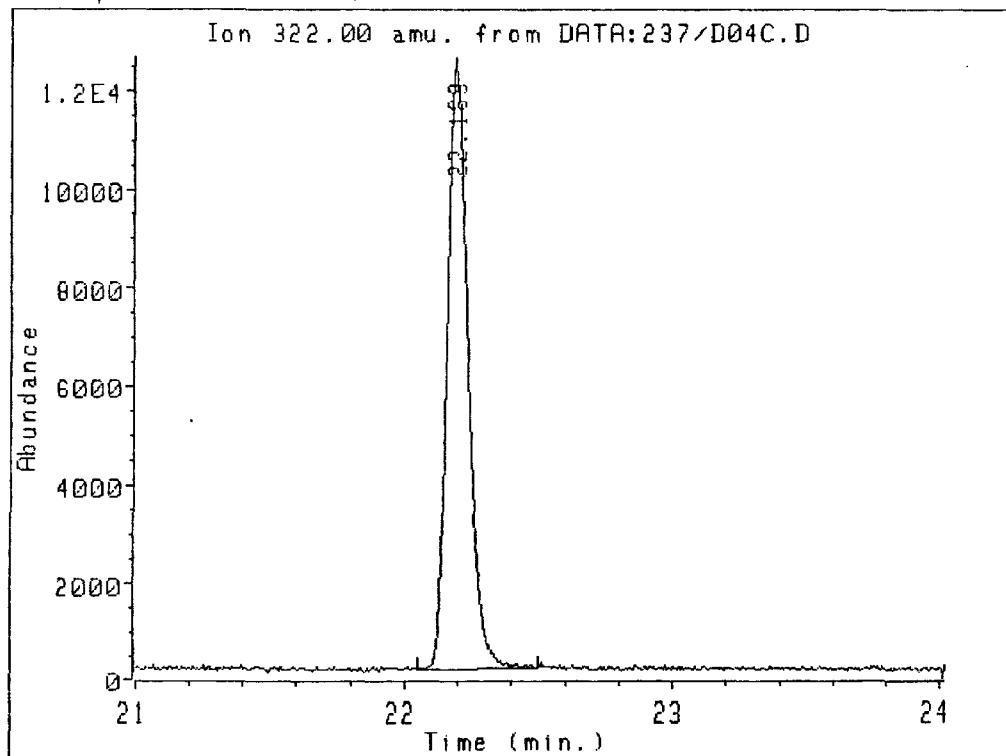
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.189	BB	0.081	521636	21.958	22.439

Data file: DATA:237/D04C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:25 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 3



Ion 322.00 amu. from DATA:237/D04C.D
CALIBRATION SOLN II

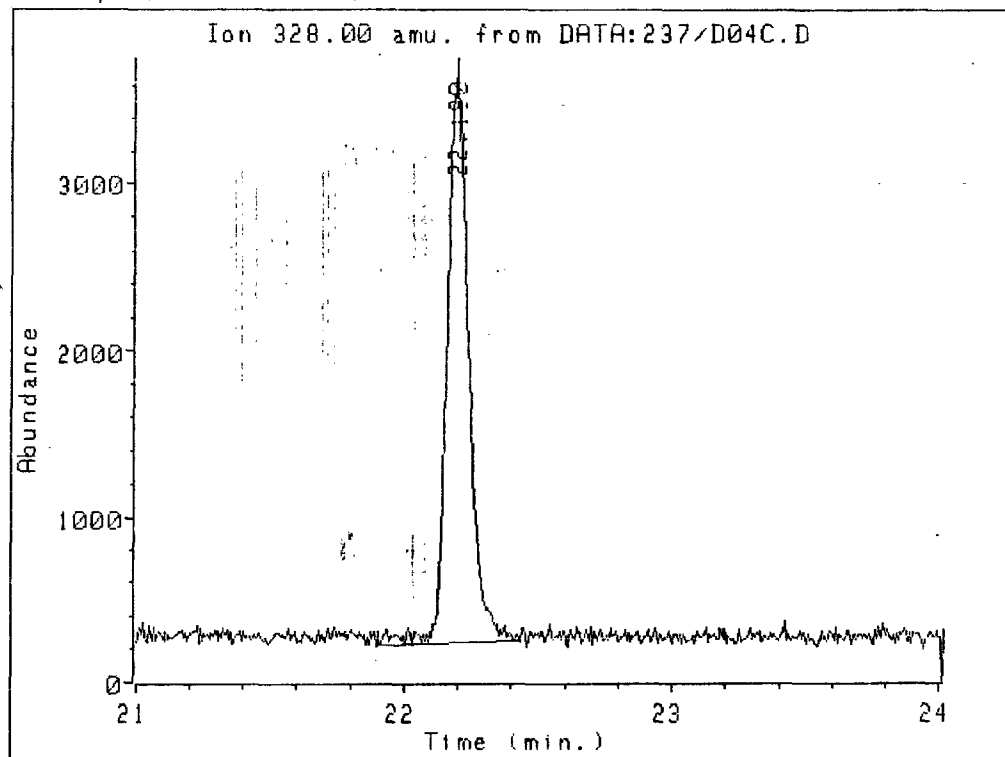
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.189	BU	0.082	671009	22.050	22.497

Data file: DATA:237/D04C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN 11
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:25 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 3



Ion 328.00 amu. from DATA:237/D04C.D
CALIBRATION SOLN 11

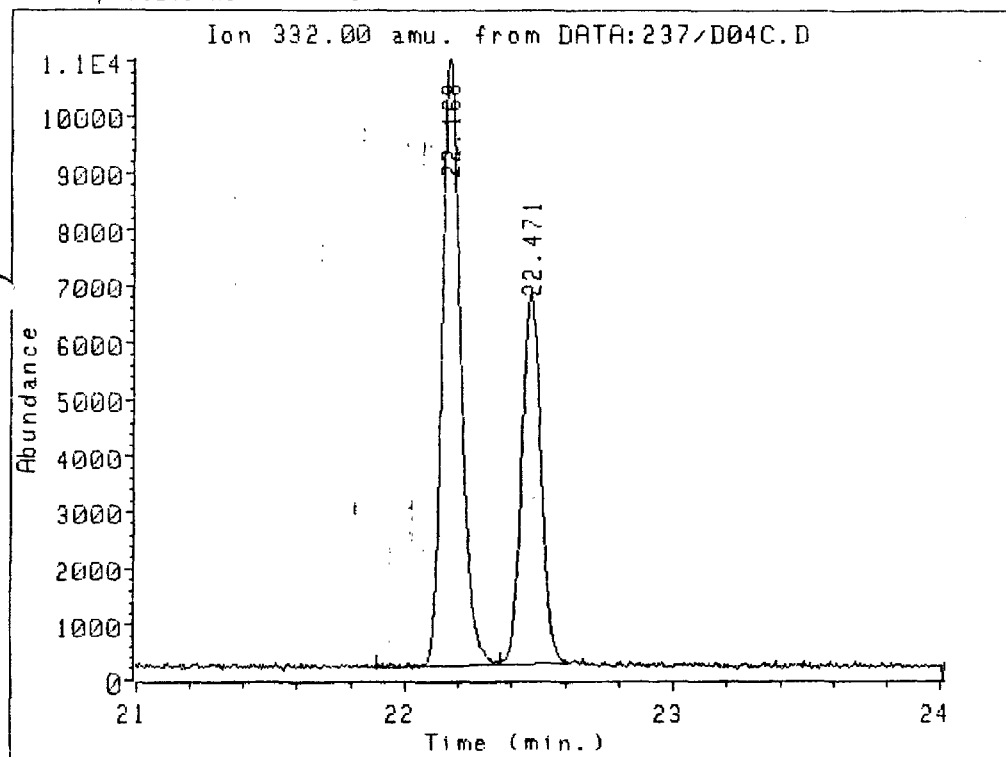
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.190	PV	0.085	194331	21.900	22.433

Data file: DATA:237/D04C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:25 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Hls bottle num : 4
Replicate num : 3



Ion 332.00 amu. from DATA:237/D04C.D
CALIBRATION SOLN II

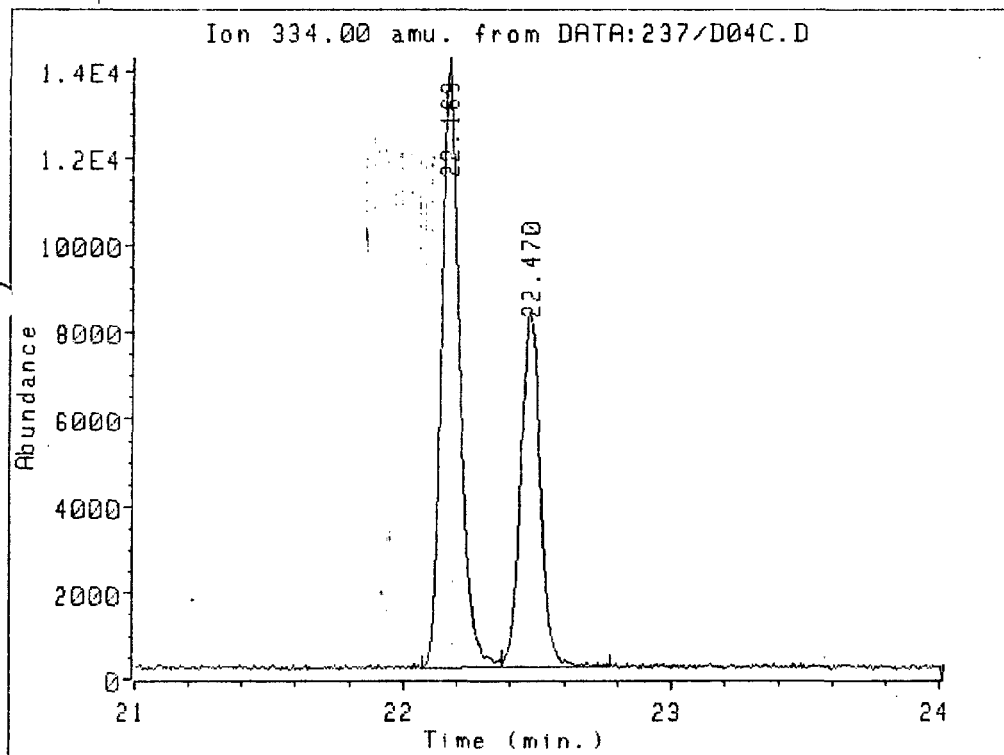
Peak#	Ret. Time	Type	Width	Area	Start Time	End Time
1	22.168	BU	0.076	529567	21.893	22.356
2	22.471	UU	0.080	333889	22.356	22.616

Data file: DATA:237/D04C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:25 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 4
Replicate num : 3



Ion 334.00 amu. from DATA:237/D04C.D
CALIBRATION SOLN II

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.169	BU	0.074	664046	22.071	22.371
2	22.470	UB	0.079	423563	22.371	22.769

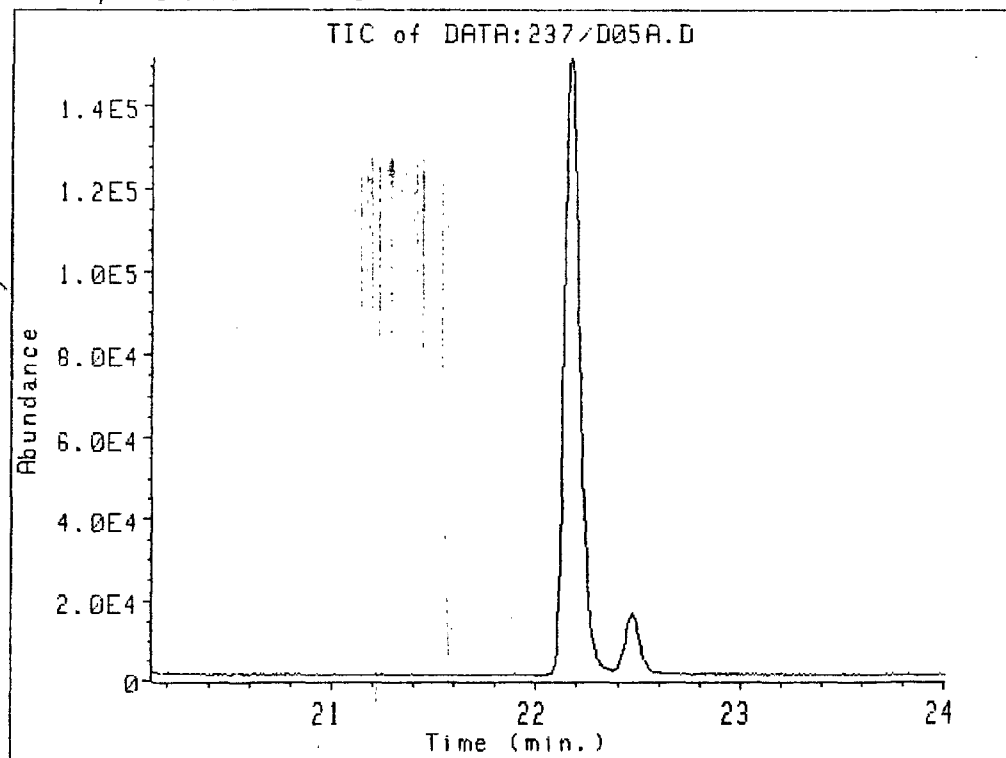
023615

Data file: DATA:237/D05A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:58 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 1



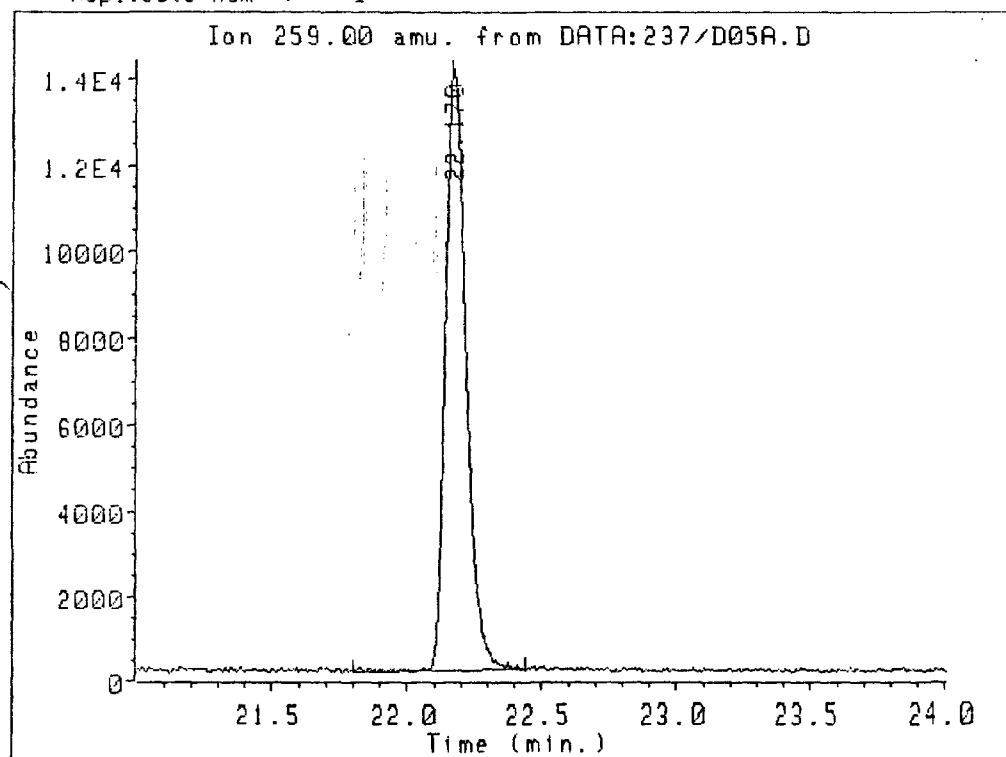
023616

Data file: DATA:237/D05A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:58 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 5
Replicate num : 1



Ion 259.00 amu. from DATA:237/D05A.D
CALIBRATION SOLN III

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.170	BU	0.084	766258	21.800	22.440

023617

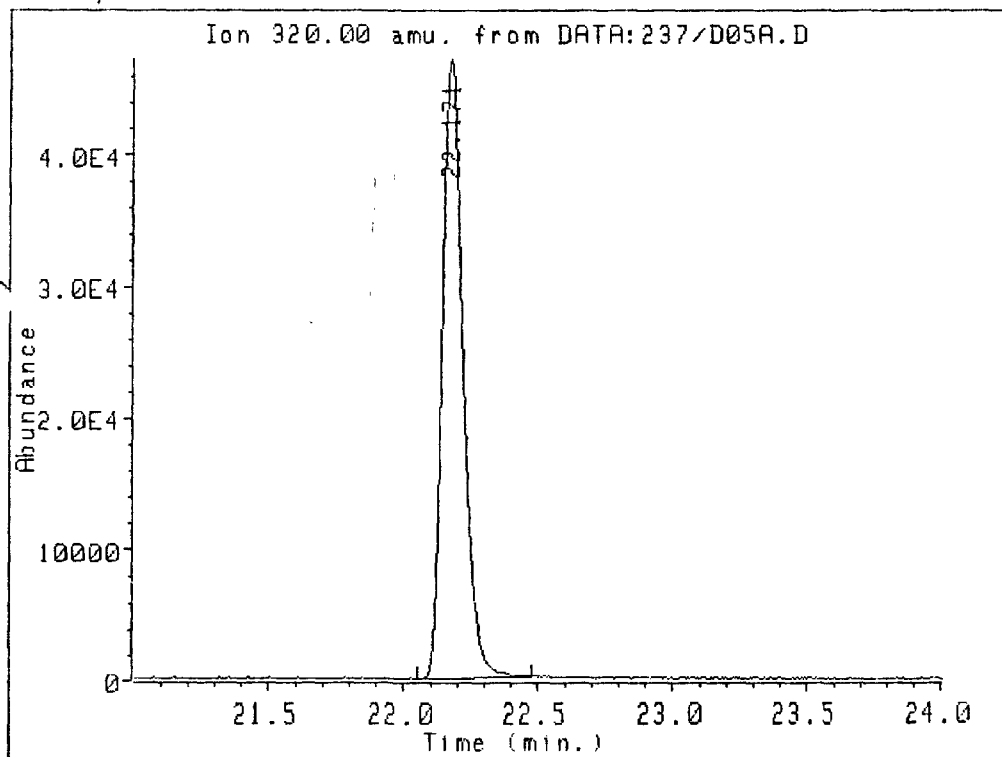
03223828

Data file: DATA:237/D05A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:58 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 5
Replicate num : 1



Ion 320.00 amu. from DATA:237/D05A.D
CALIBRATION SOLN III

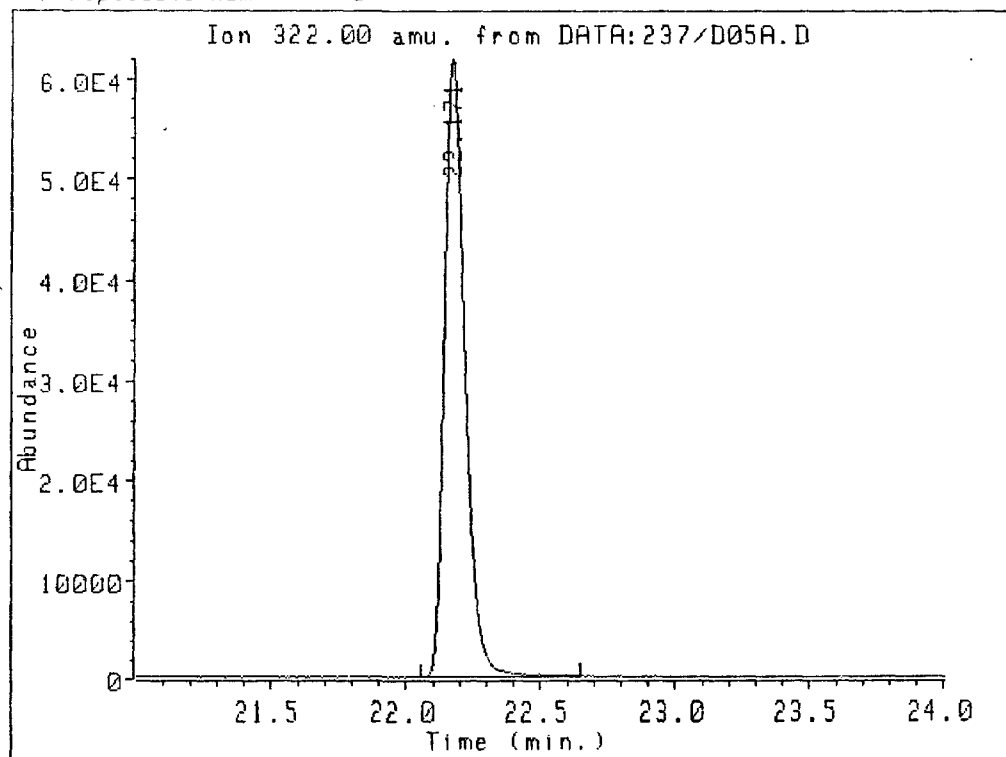
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.171	BU	0.083	2559830	22.048	22.473

Data file: DATA:237/D05A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:58 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 1



Ion 322.00 amu. from DATA:237/D05A.D
CALIBRATION SOLN III

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.171	BB	0.083	3329893	22.054	22.648

Data file: DATA:237/D05A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III

Misc Info:

Operator : TMS

Date : 24 Aug 88 11:58 pm

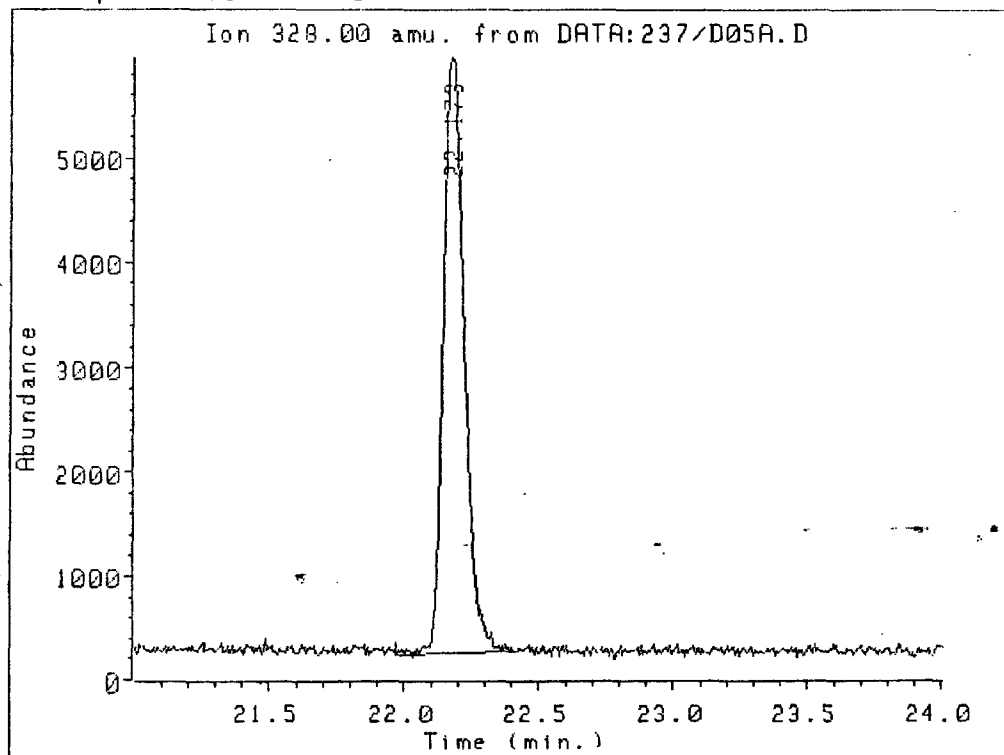
Instrument: MS_5970

Inlet : GC

Sequence index : 4

Als bottle num : 5

Replicate num : 1



Ion 328.00 amu. from DATA:237/D05A.D
CALIBRATION SOLN III

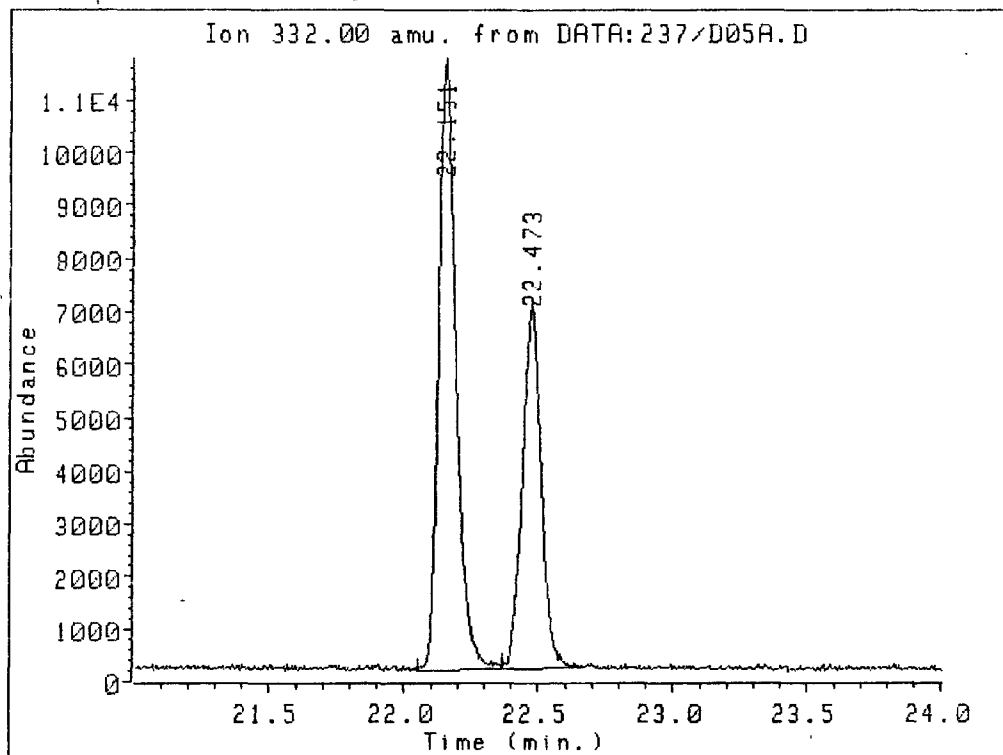
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.173	BB	0.086	317238	21.971	22.418

Data file: DATA:237/D05A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:58 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 5
Replicate num : 1



023621

Ion 332.00 amu. from DATA:237/D05A.D
CALIBRATION SOLN III

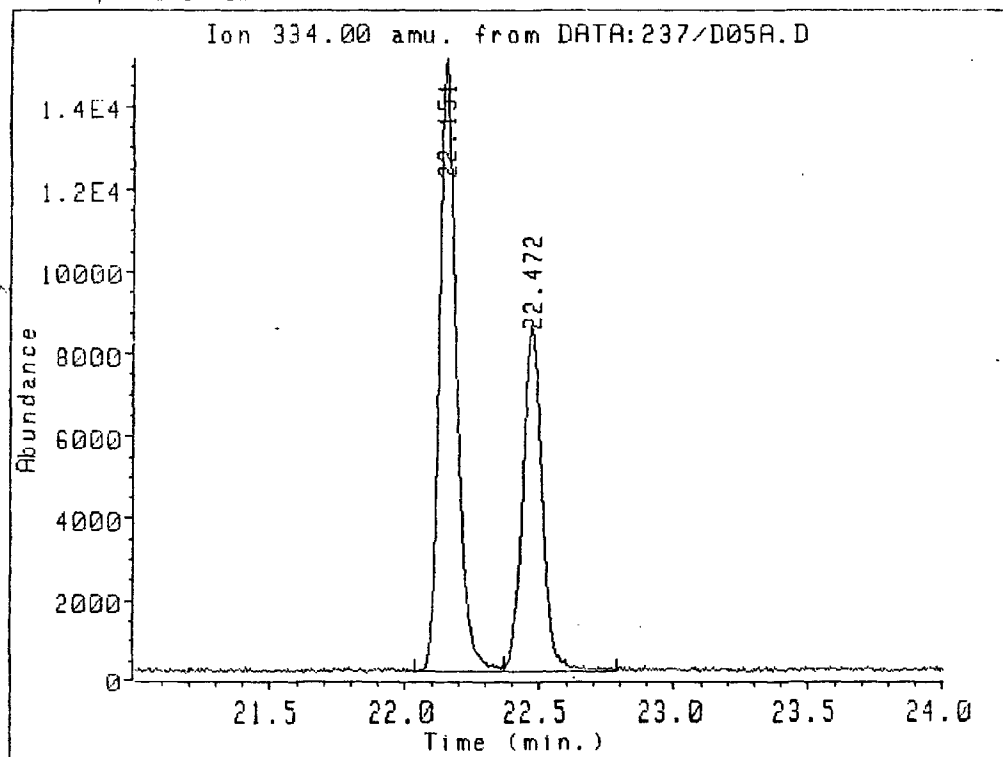
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.151	BU	0.072	527982	22.048	22.363
2	22.473	UU	0.073	342092	22.363	22.672

Data file: DATA:237/D05A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TNS

Date : 24 Aug 88 11:58 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 1



Ion 334.00 amu. from DATA:237/D05A.D
CALIBRATION SOLN III

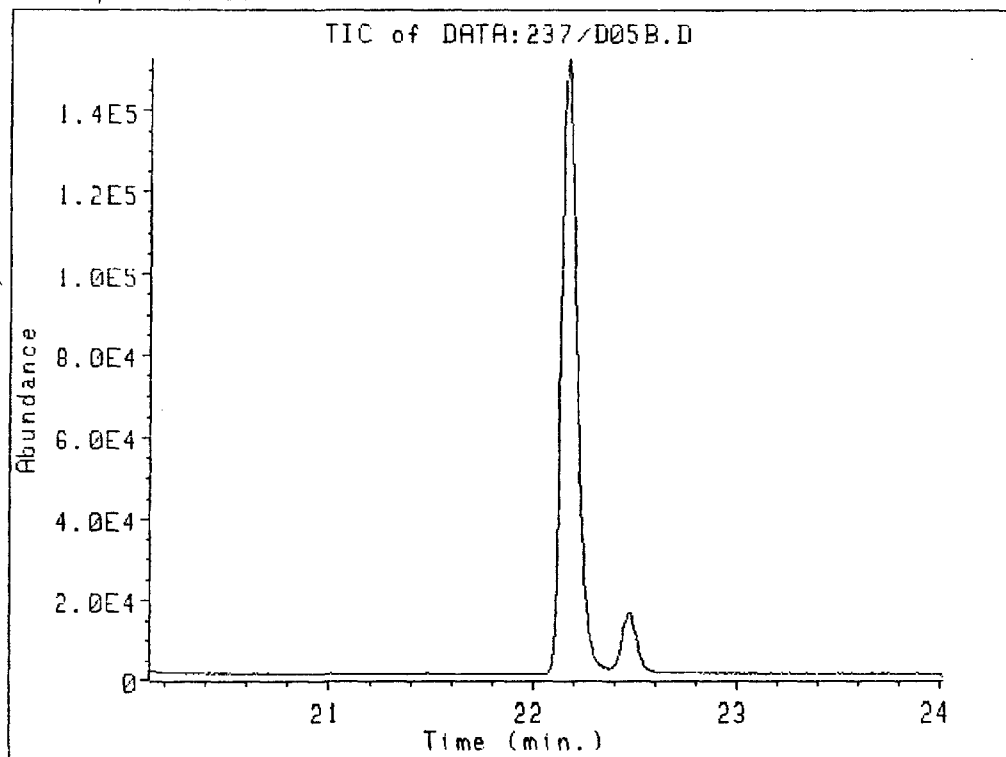
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.151	BU	0.069	679656	22.039	22.369
2	22.472	UB	0.076	434506	22.369	22.789

Data file: DATA:237/D05B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 25 Aug 88 12:31 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 2



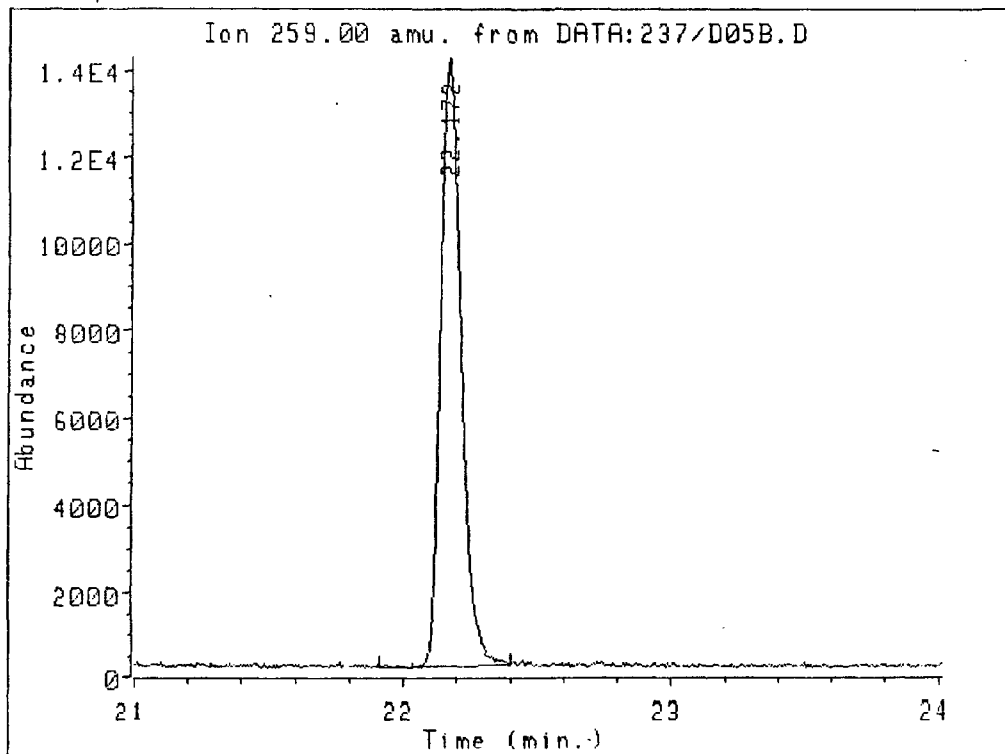
023623

Data file: DATA:237/D05B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 25 Aug 88 12:31 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 2



Ion 259.00 amu. from DATA:237/D05B.D
CALIBRATION SOLN III

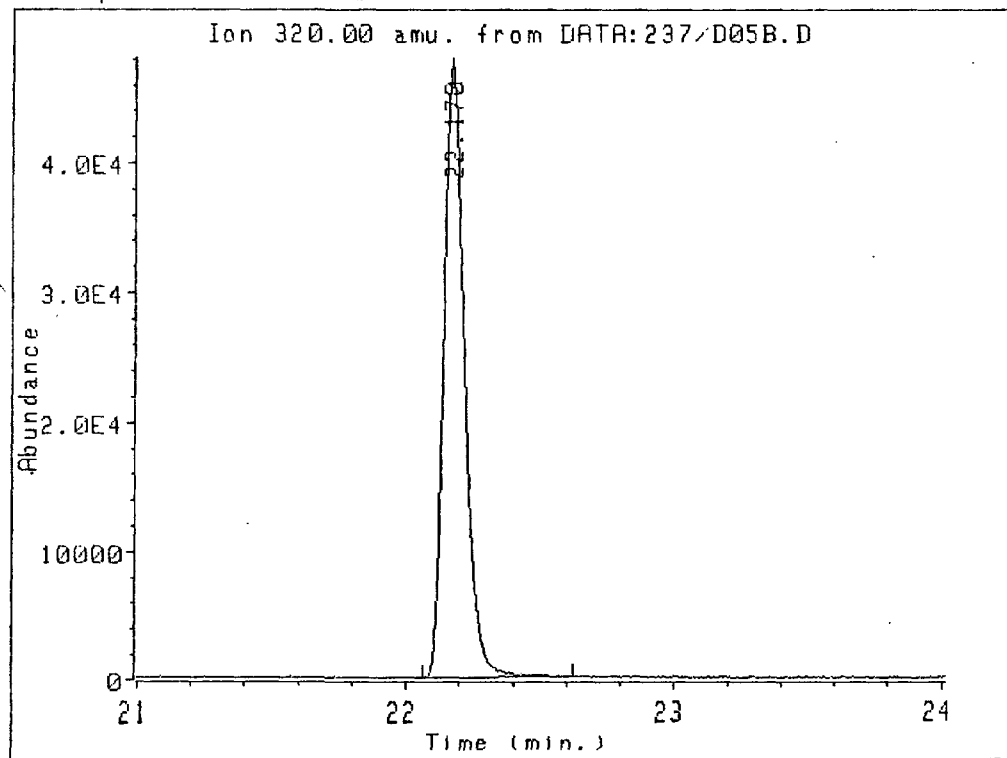
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.172	BV	0.082	764310	21.914	22.404

Data file: DATA:237/D05B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 25 Aug 88 12:31 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 5
Replicate num : 2



Ion 320.00 amu. from DATA:237/D05B.D
CALIBRATION SOLN III

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.170	BB	0.082	2578320	22.064	22.625

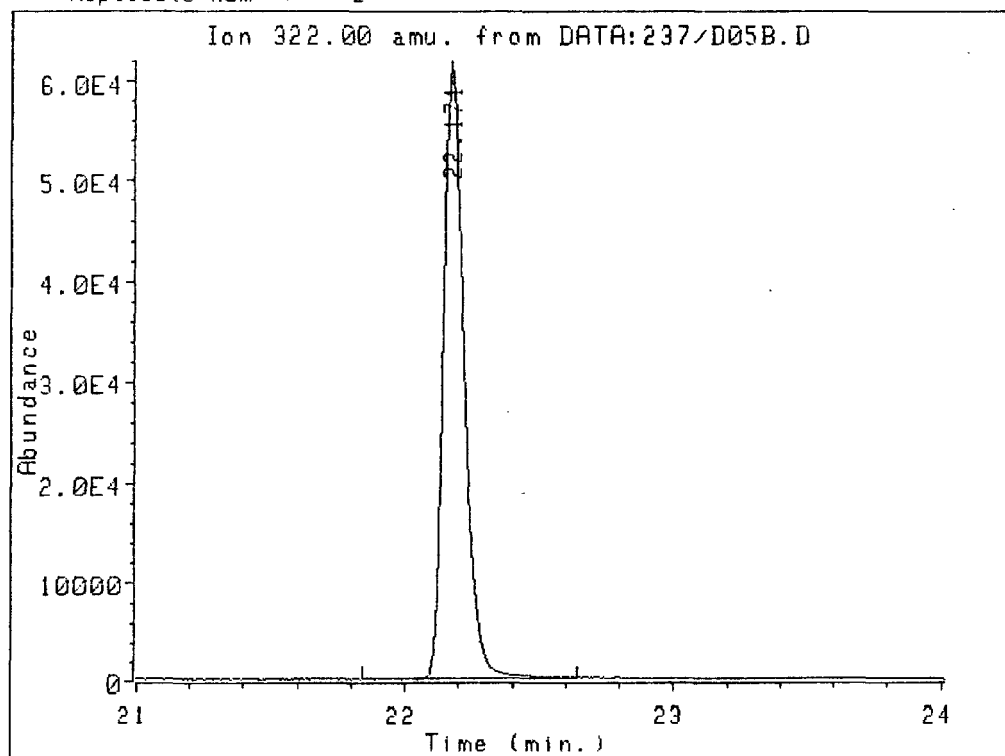
023625

Data file: DATA:237/D05B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 25 Aug 88 12:31 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 2



Ion 322.00 amu. from DATA:237/D05B.D
CALIBRATION SOLN III

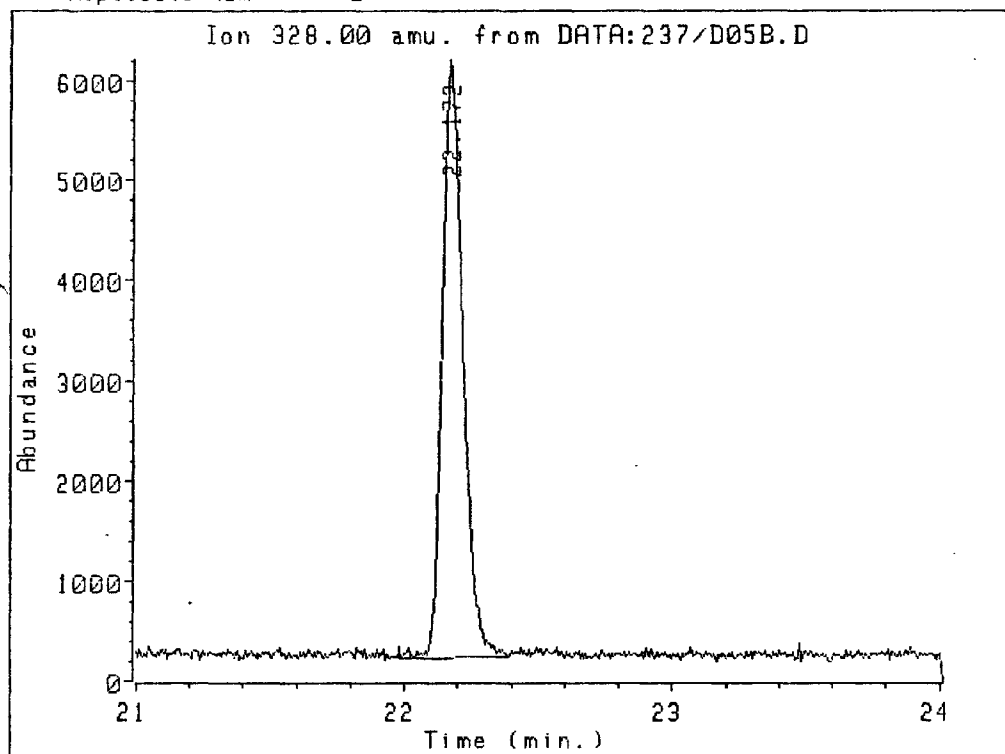
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.171	BB	0.082	3354523	21.844	22.640

Data file: DATA:237/D05B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 25 Aug 88 12:31 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 5
Replicate num : 2



Ion 328.00 amu. from DATA:237/D05B.D
CALIBRATION SOLN III

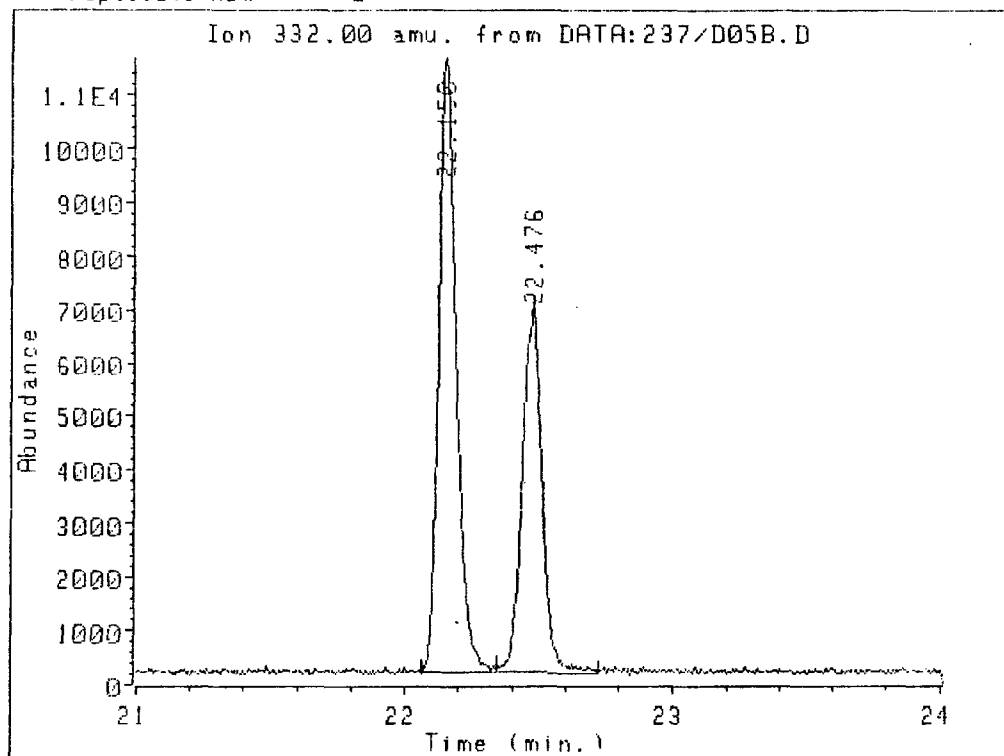
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.172	BB	0.081	322052	21.981	22.392

Data file: DATA:237/D05B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 25 Aug 88 12:31 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 2



Ion 332.00 amu. from DATA:237/D05B.D
CALIBRATION SOLN III

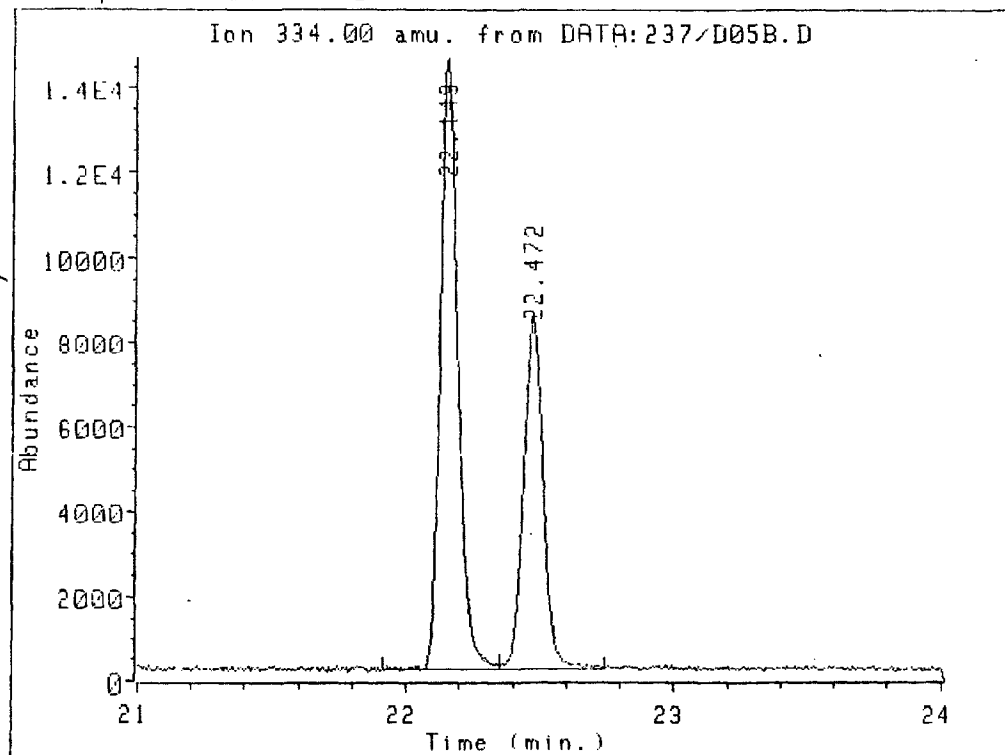
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.150	BU	0.068	531094	22.061	22.346
2	22.476	UU	0.069	354283	22.346	22.723

Data file: DATA:237/D05B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 25 Aug 88 12:31 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 2



Ion 334.00 amu. from DATA:237/D05B.D
CALIBRATION SOLN III

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.149	BU	0.070	676008	21.911	22.352
2	22.472	UU	0.078	433081	22.352	22.741

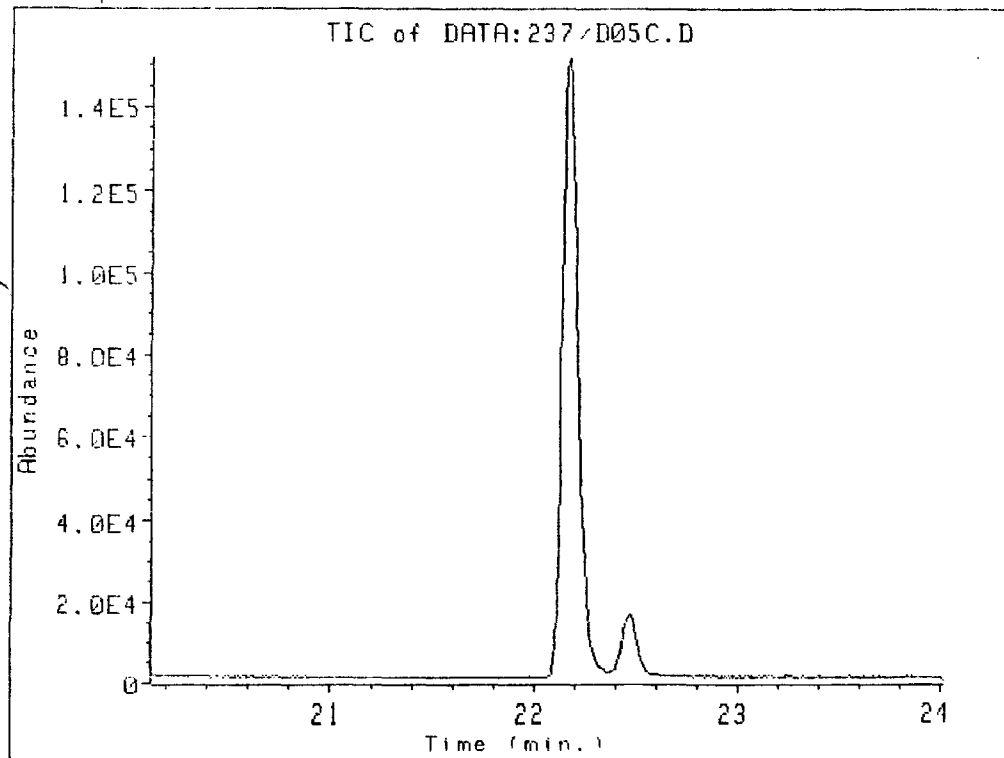
023629

Data file: DATA:237/D05C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:04 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 3



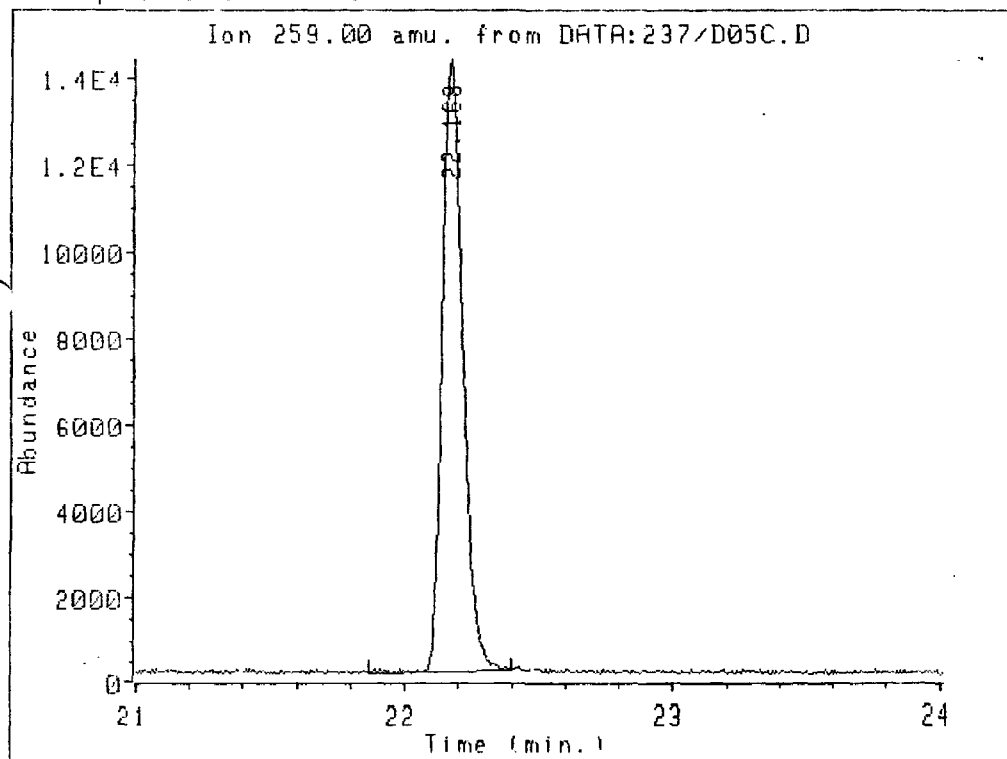
023630

Data file: DATA:237/D05C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:04 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 3



Ion 259.00 amu. from DATA:237/D05C.D
CALIBRATION SOLN III

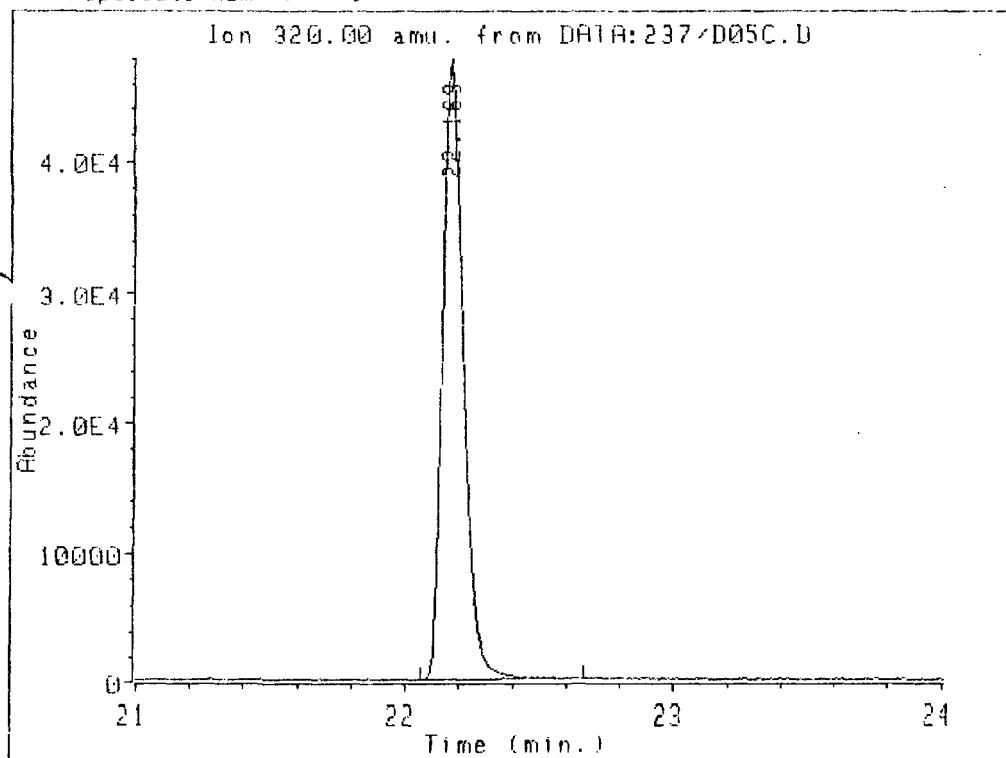
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.168	BU	0.085	766846	21.865	22.398

Data file: DATA:237/D05C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:04 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 3



Ion 320.00 amu. from DATA:237/D05C.D
CALIBRATION SOLN III

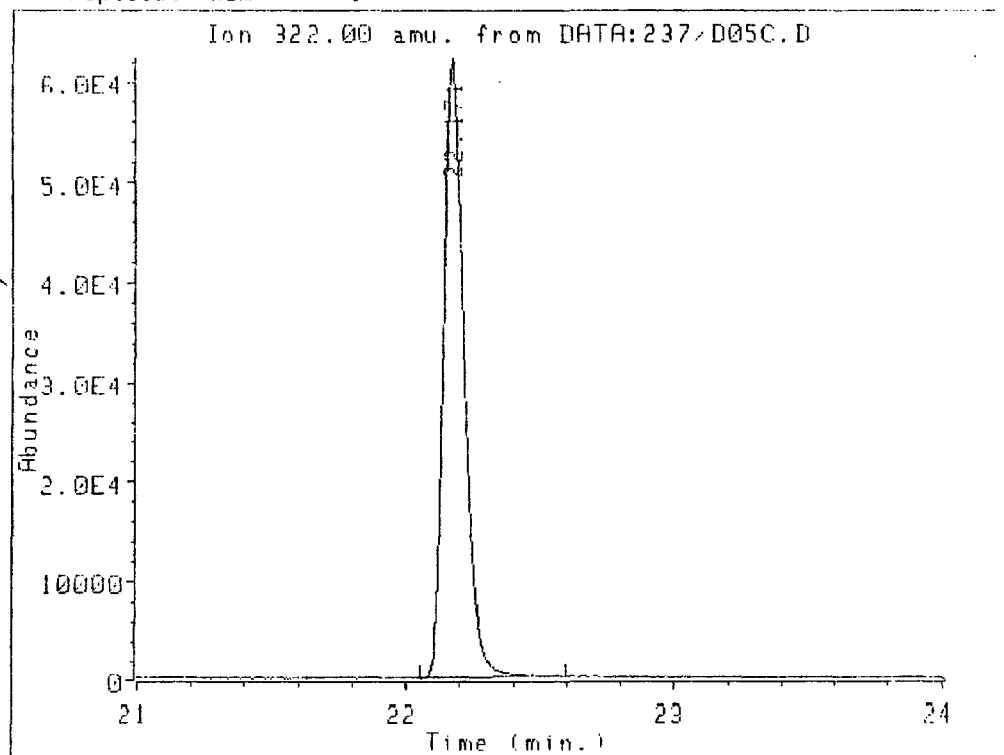
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.169	BB	0.085	2585756	22.058	22.264

Data File: DATA:237/D05C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:04 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 3



Ion 322.00 amu. from DATA:237/D05C.D
CALIBRATION SOLN III

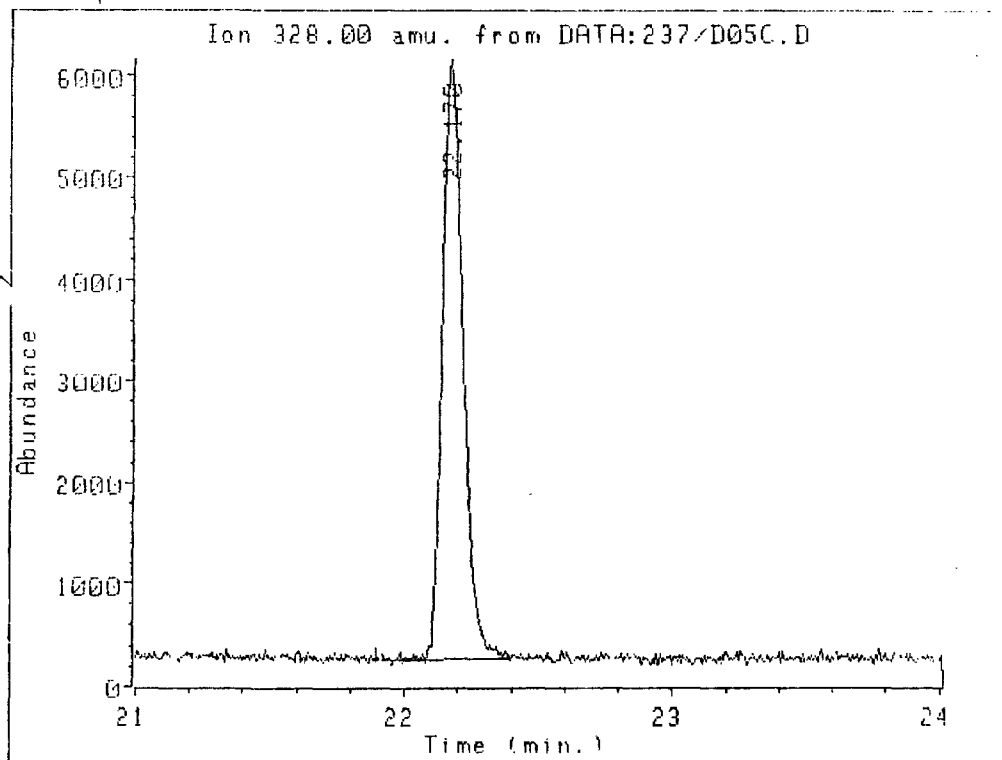
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.171	BB	0.083	3338620	22.055	22.294

Data file: DATA:237.D05C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN 111
Disc Info:
Operator : TMS

Date : 25 Aug 88 1:04 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 5
Replicate num : 3



Ion 328.00 amu. from DATA:237.D05C.D
CALIBRATION SOLN 111

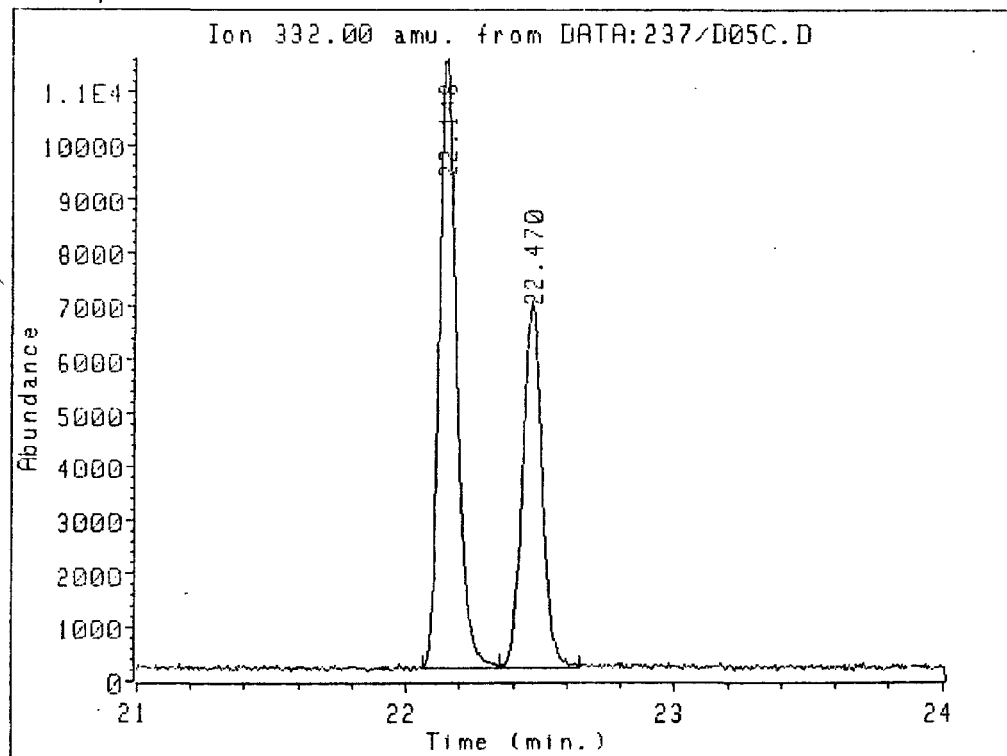
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.170	BB	0.088	321000	21.897	22.398

Data file: DATA:237/D05C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:04 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 3



Ion 332.00 amu. from DATA:237/D05C.D
CALIBRATION SOLN III

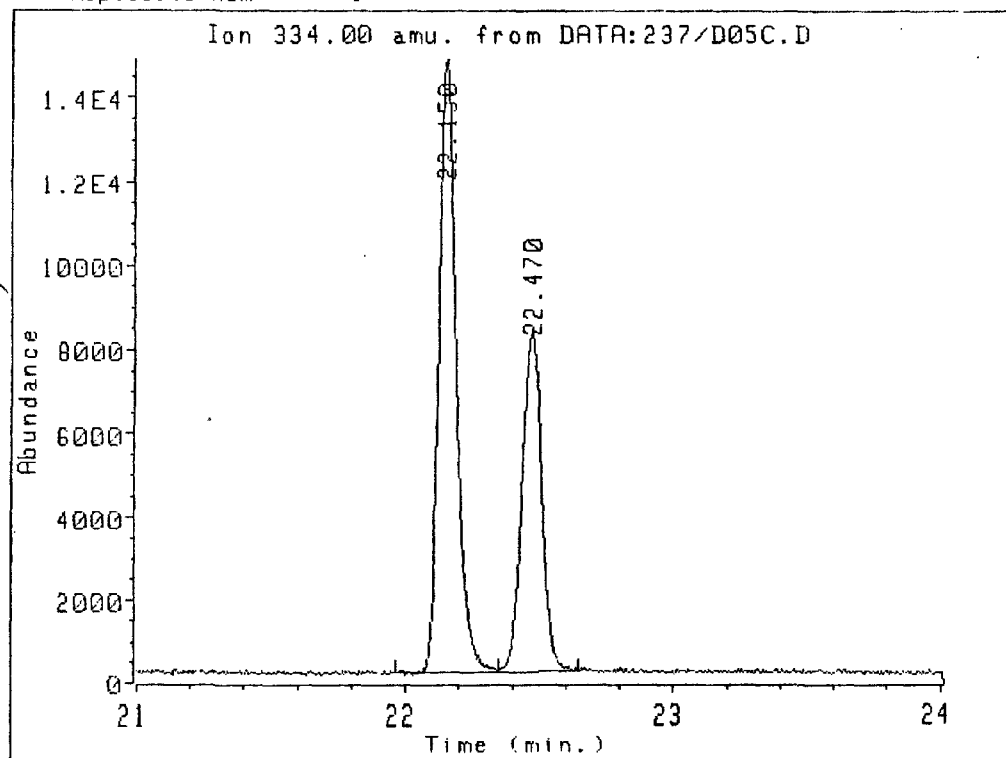
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.148	BU	0.068	528996	22.061	22.348
2	22.470	UB	0.080	346818	22.348	22.646

Data file: DATA:237/D05C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:04 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 3



Ion 334.00 amu. from DATA:237/D05C.D
CALIBRATION SOLN III

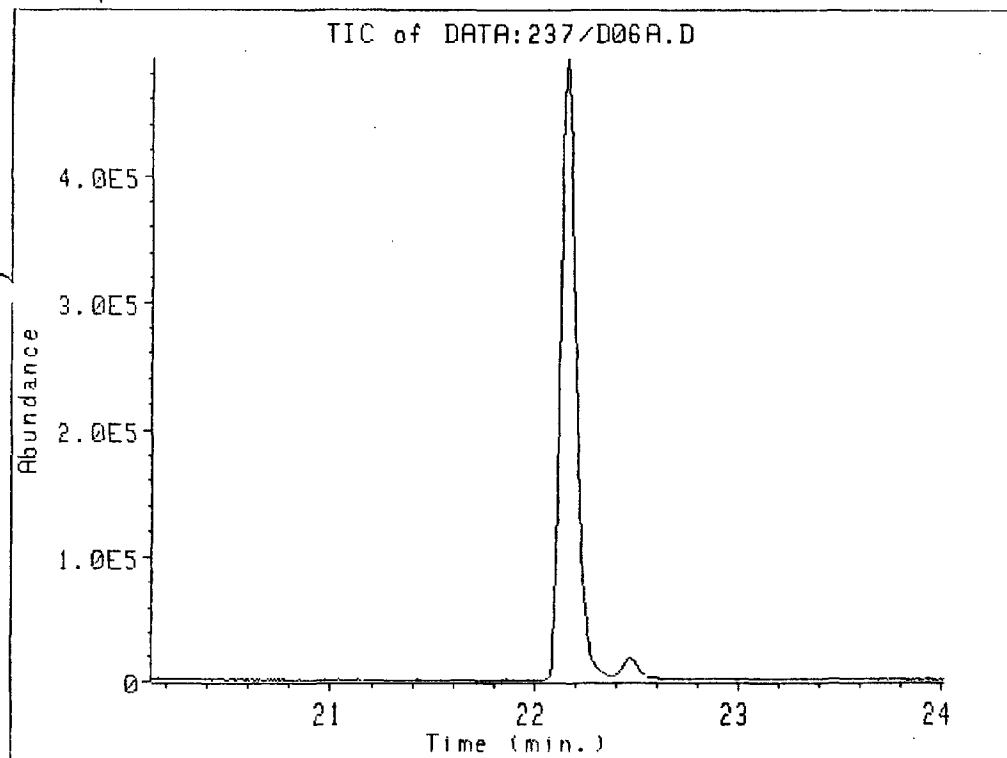
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.150	EU	0.071	673274	21.963	22.349
2	22.470	UU	0.082	422193	22.349	22.649

Data file: DATA:237/D06A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:37 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 1



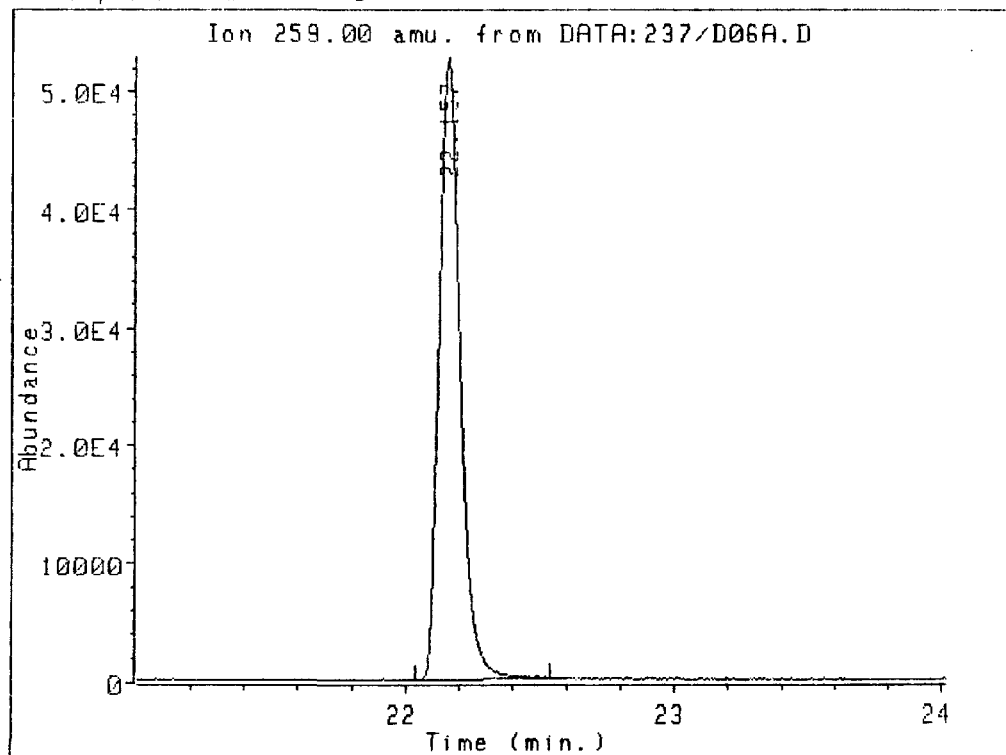
023637

Data file: DATA:237/D06A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:37 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 1



Ion 259.00 amu. from DATA:237/D06A.D
CALIBRATION SOLN IV

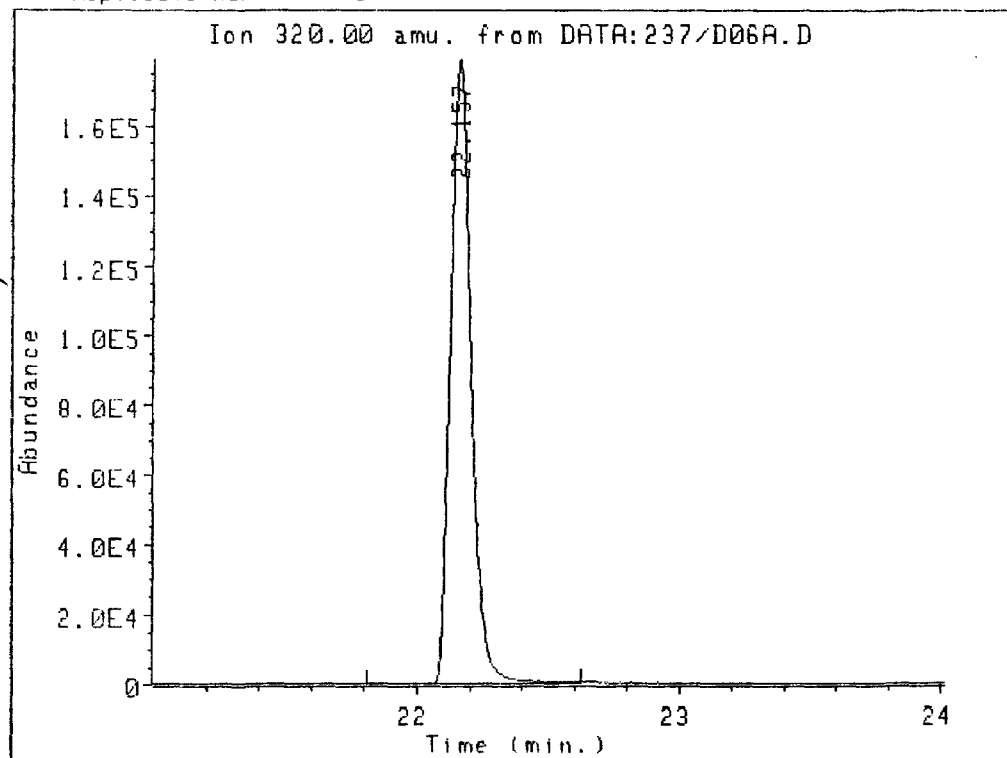
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.157	BV	0.083	2875300	22.038	22.540

Data file: DATA:237/D06A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:37 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 1



Ion 320.00 amu. from DATA:237/D06A.D
CALIBRATION SOLN IV

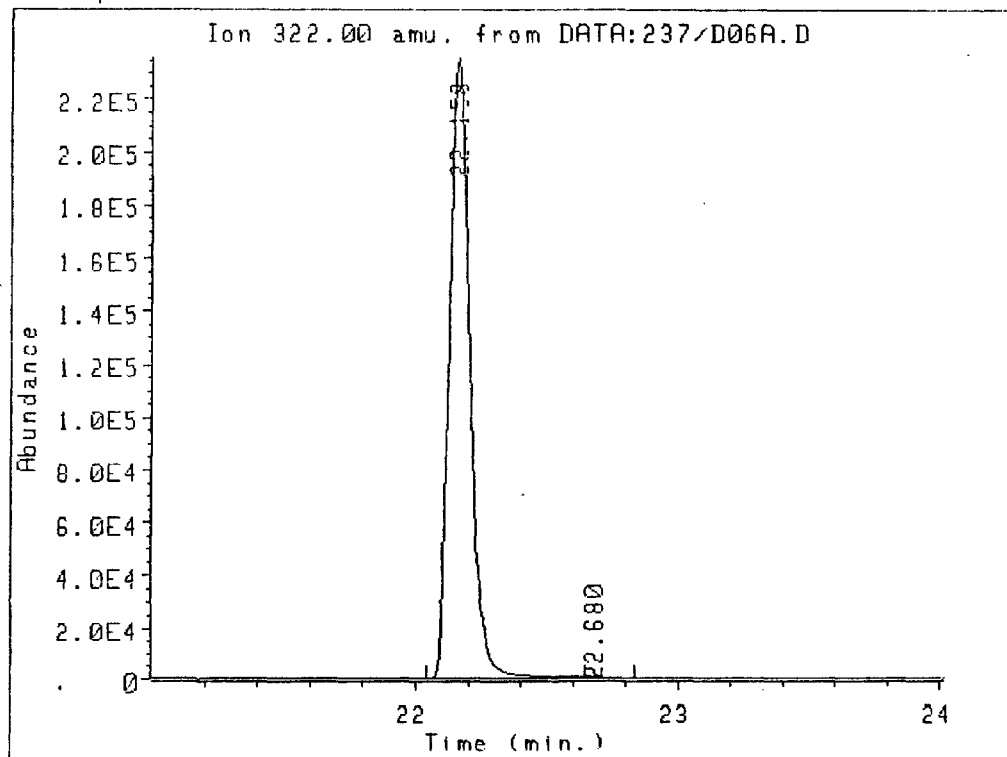
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.157	EO	0.084	9702909	21.812	22.676

Data file: DATA:237/D06A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:37 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 1



Ion 322.00 amu. from DATA:237/D06A.D
CALIBRATION SOLN IV

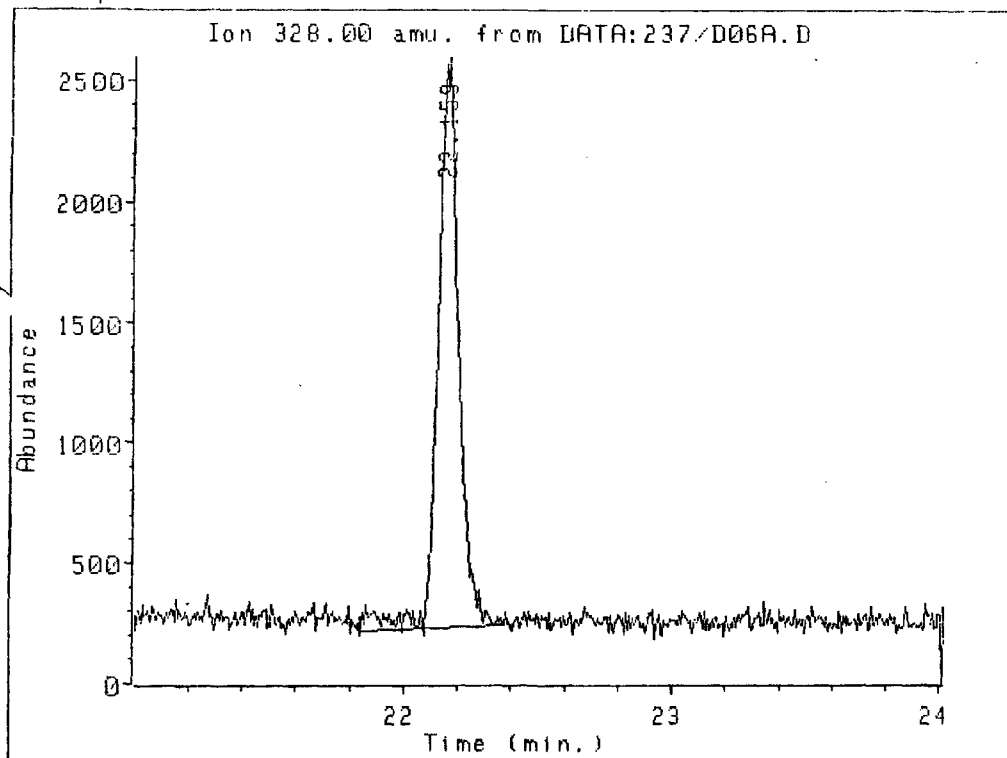
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.158	BU	0.083	12754308	22.041	22.641
2	22.680	UB	0.115	17435	22.641	22.834

Data file: DATA:237/D06A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:37 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 6
Replicate num : 1



Ion 328.00 amu. from DATA:237/D06A.D
CALIBRATION SOLN IV

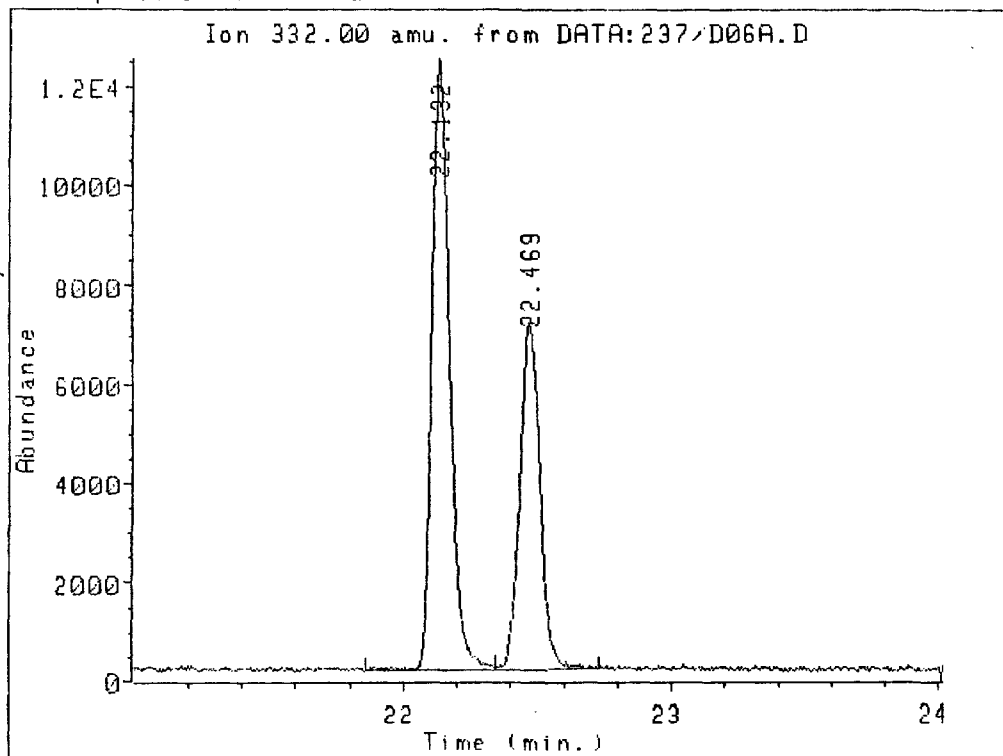
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.159	BB	0.083	128172	21.836	22.375

Data file: DATA:237/D06A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:37 am
Instrument: NS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 1



Ion 332.00 amu. from DATA:237/D06A.D
CALIBRATION SOLN IV

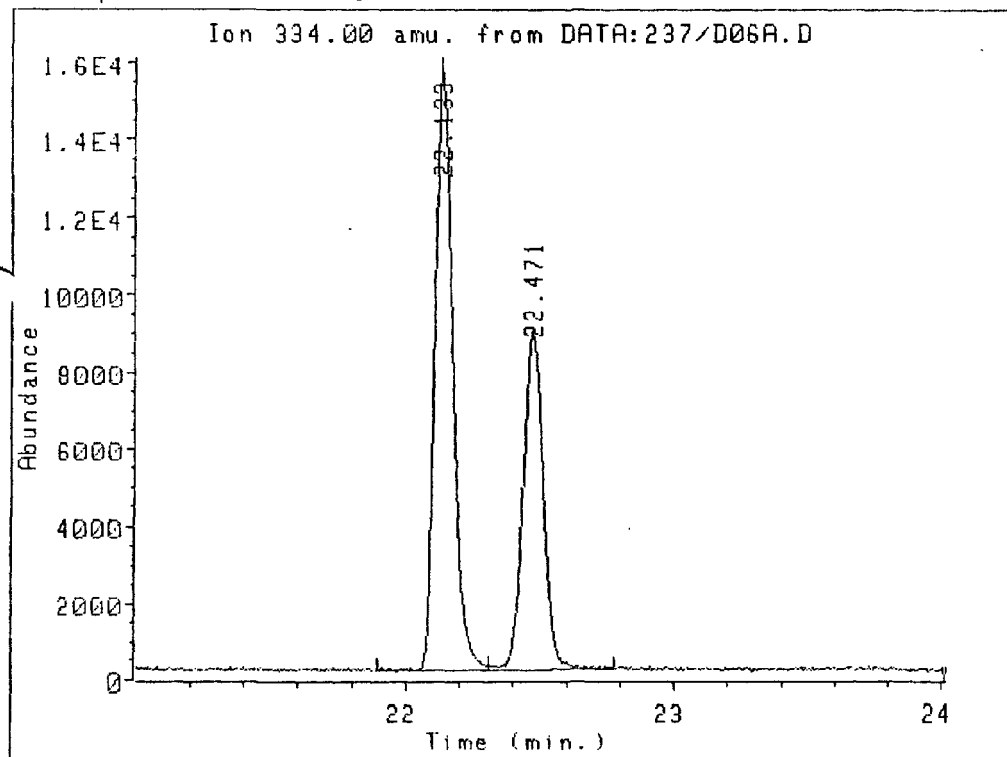
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.132	BU	0.072	566292	21.861	22.347
2	22.469	UB	0.083	368453	22.347	22.730

Data file: DATA:237/D06A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:37 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 1



Ion 334.00 amu. from DATA:237/D06A.D
CALIBRATION SOLN IV

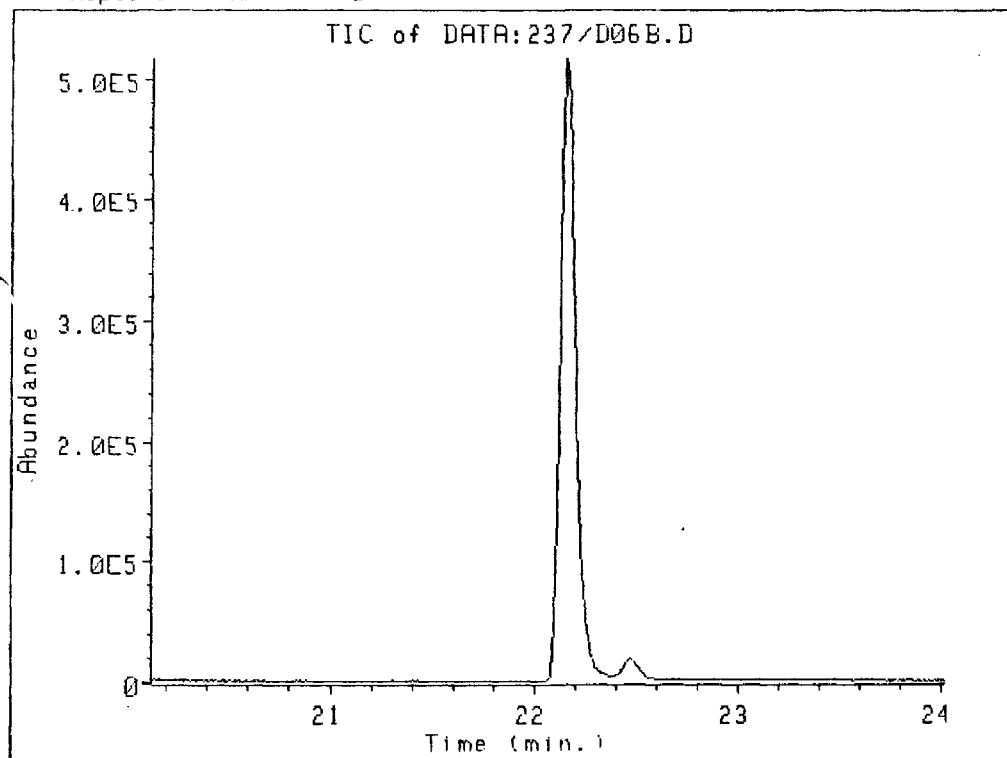
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.133	UV	0.073	719618	21.897	22.312
2	22.471	UV	0.085	460414	22.312	22.776

Data file: DATA:237/D06B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:10 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 6
Replicate num : 2



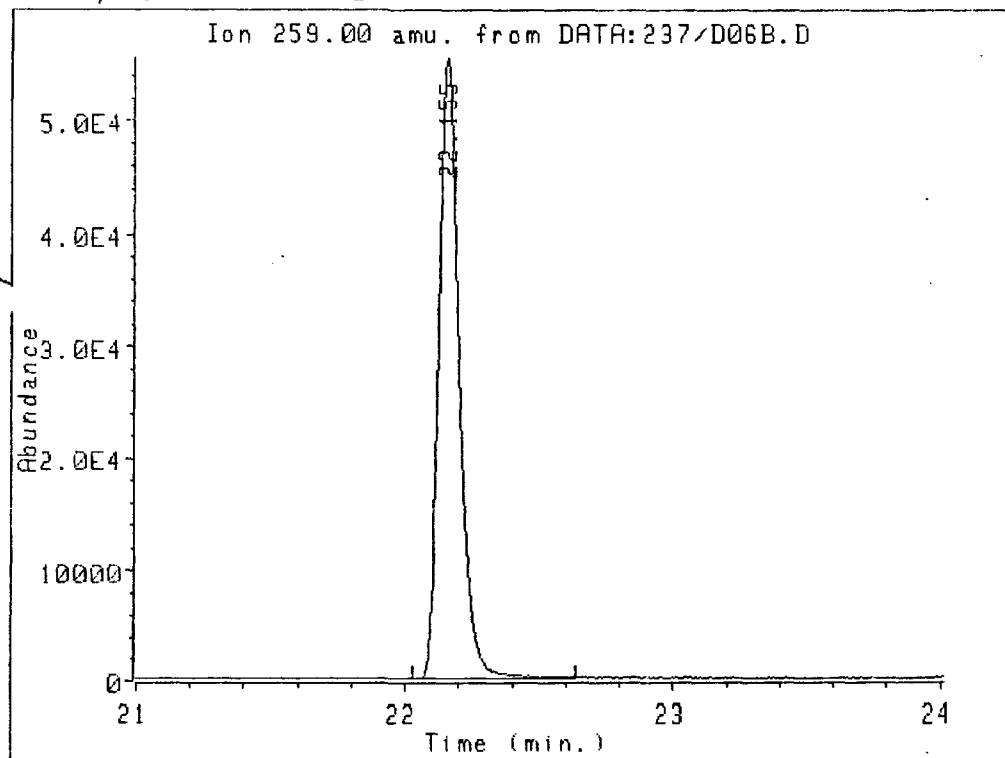
023644

Data file: DATA:237/D06B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:10 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 6
Replicate num : 2



Ion 259.00 amu. from DATA:237/D06B.D
CALIBRATION SOLN IV

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.155	BB	0.085	2987909	22.029	22.636

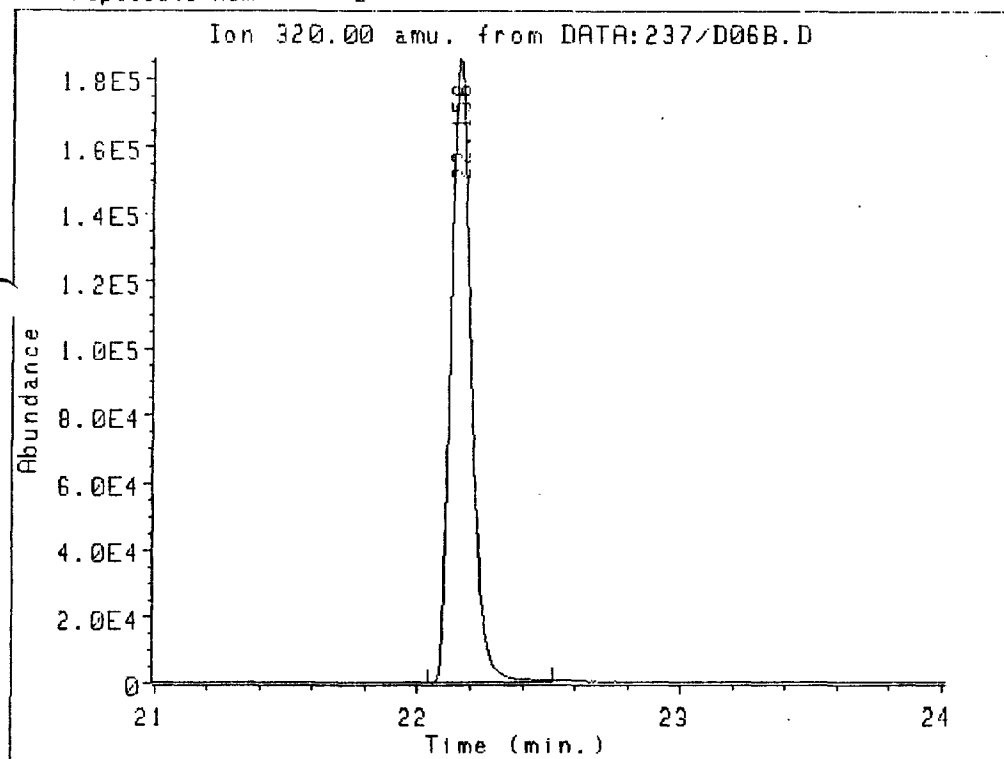
023645

Data file: DATA:237/D06B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:10 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 6
Replicate num : 2



Ion 320.00 amu. from DATA:237/D06B.D
CALIBRATION SOLN IV

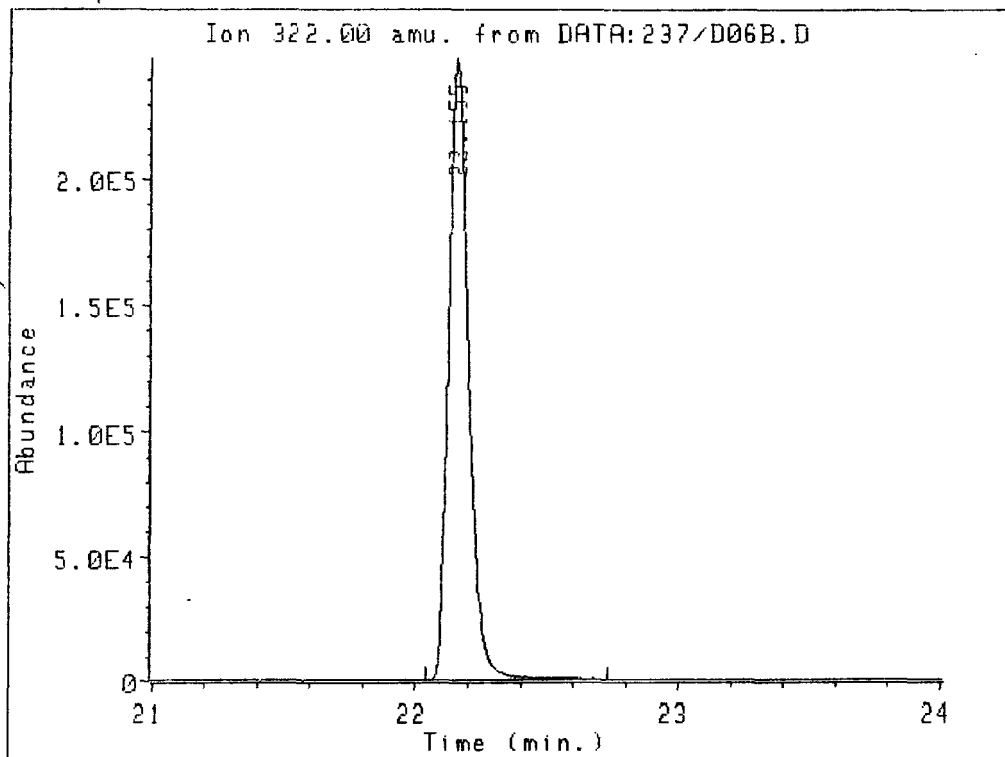
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.156	BU	0.082	9946524	22.042	22.513

Data file: DATA:237/D06B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:10 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 2



Ion 322.00 amu. from DATA:237/D06B.D
CALIBRATION SOLN IV

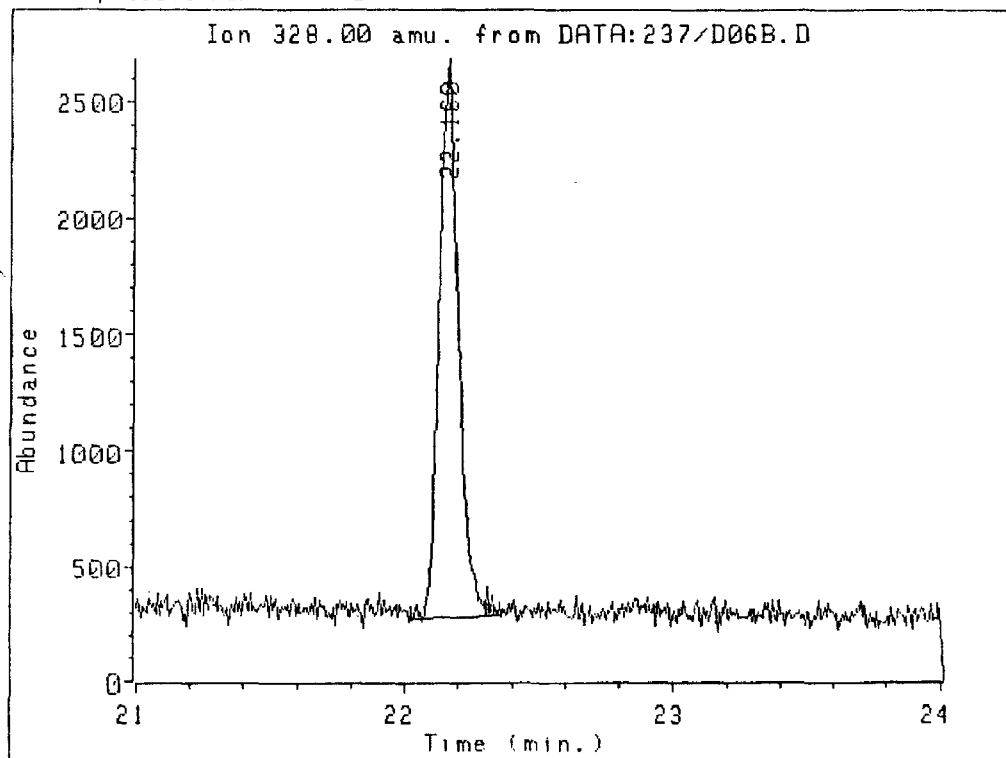
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.155	BV	0.081	13140369	22.042	22.731

Data file: DATA:237/D06B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:10 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 6
Replicate num : 2



Ion 328.00 amu. from DATA:237/D06B.D
CALIBRATION SOLN IV

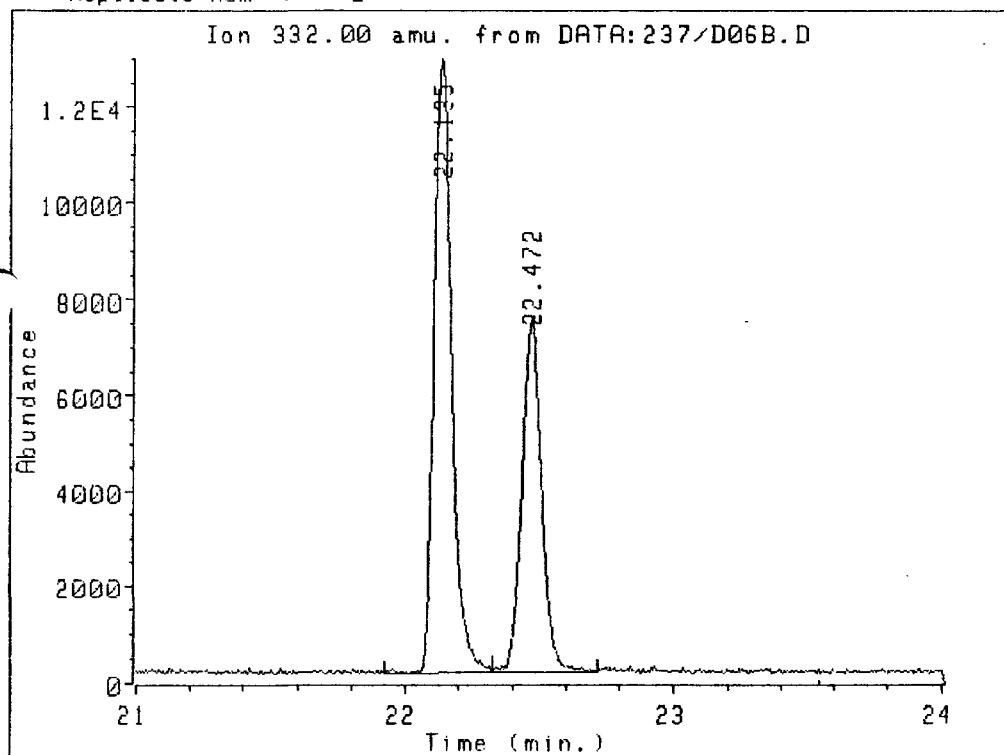
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.160	RB	0.074	122940	22.023	22.363

Data file: DATA:237/D06B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:10 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 2



Ion 332.00 amu. from DATA:237/D06B.D
CALIBRATION SOLN IV

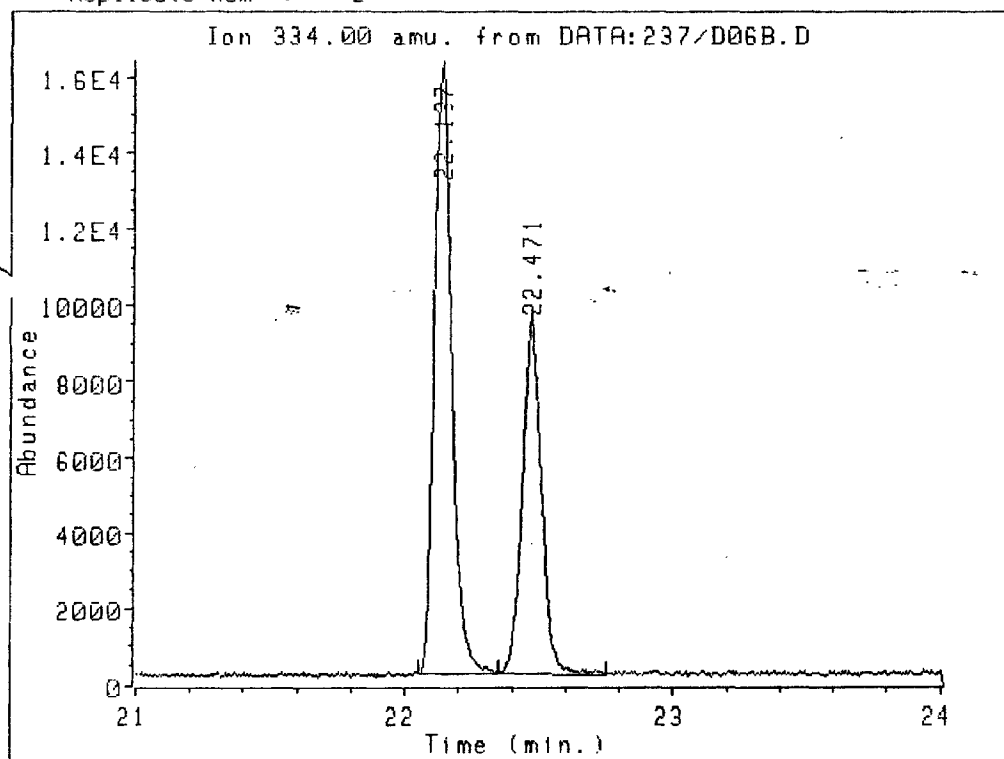
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.135	BU	0.069	593269	21.925	22.327
2	22.472	UU	0.075	376656	22.327	22.715

Data file: DATA:237/D06B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:10 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 2



Ion 334.00 amu. from DATA:237/D06B.D
CALIBRATION SOLN IV

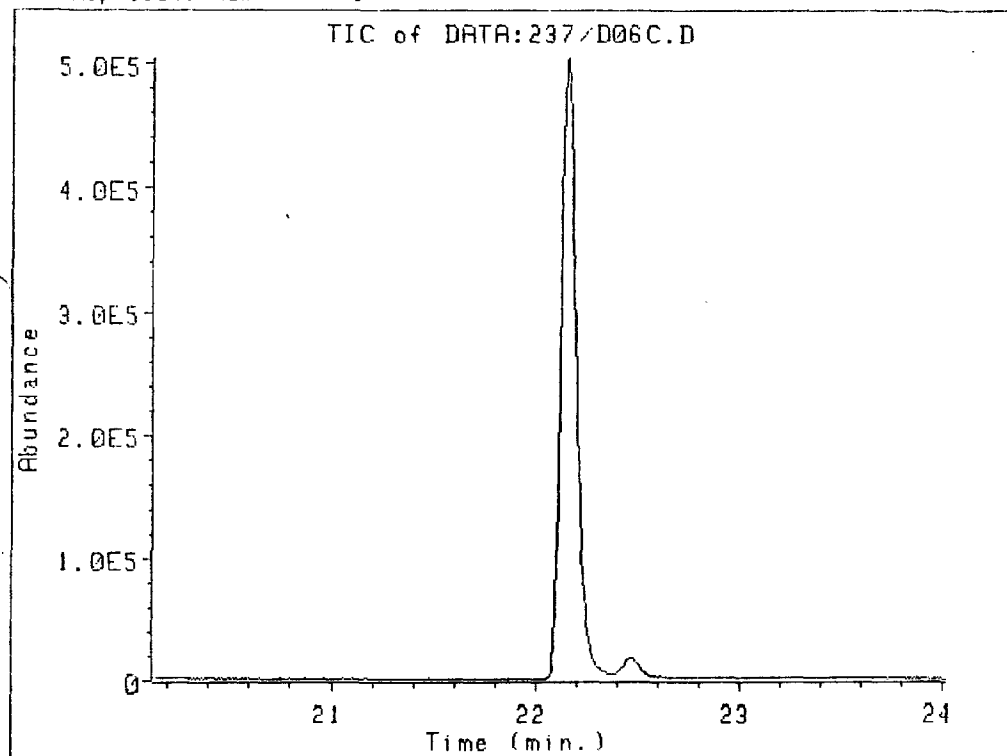
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.137	BU	0.071	734086	22.054	22.351
2	22.471	UB	0.070	465924	22.351	22.749

Data file: DATA:237/D06C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:43 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 3



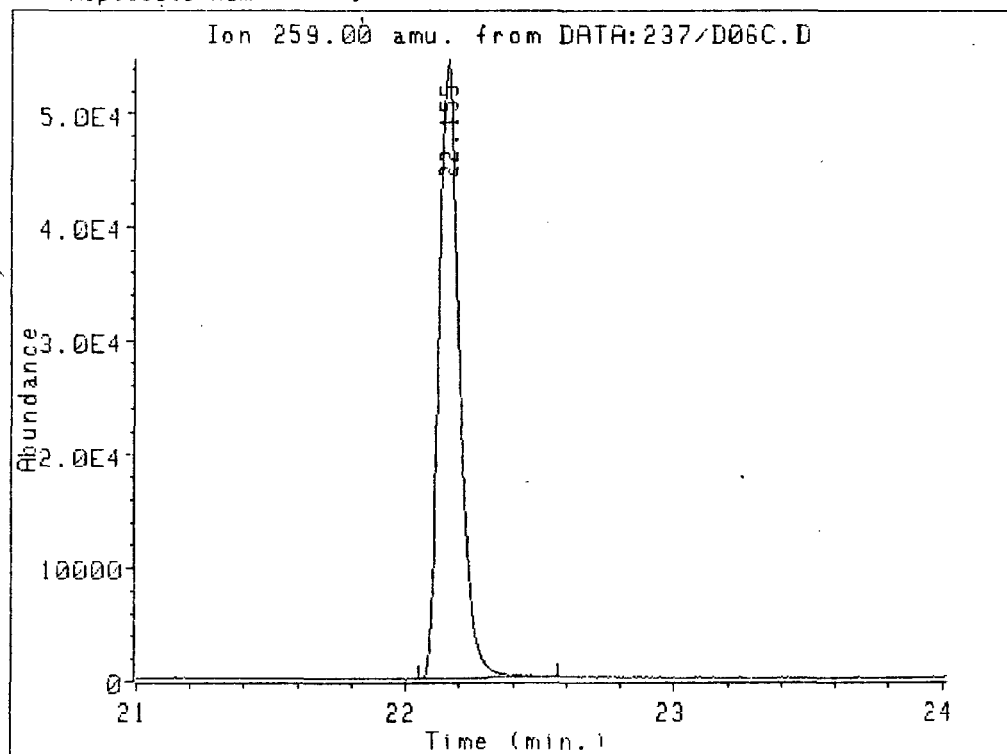
023651

Data file: DATA:237/D06C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:43 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 6
Replicate num : 3



Ion 259.00 amu. from DATA:237/D06C.D
CALIBRATION SOLN IV

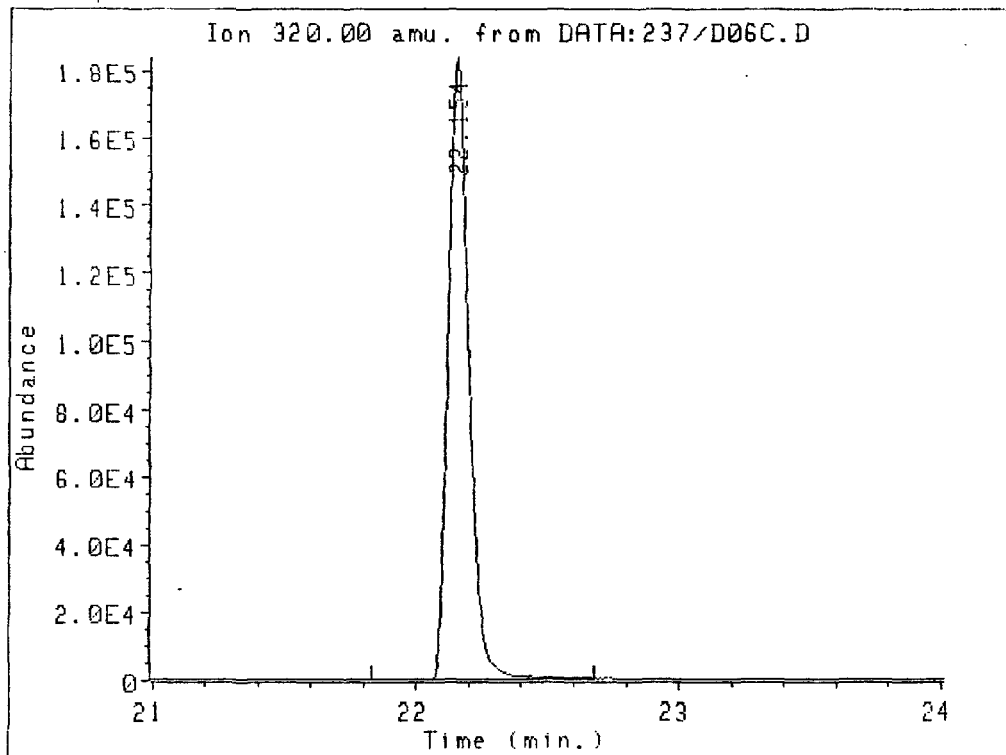
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.155	BB	0.082	2913639	22.045	22.563

Data file: DATA:237/D06C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:43 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 6
Replicate num : 3



Ion 320.00 amu. from DATA:237/D06C.D
CALIBRATION SOLN IV

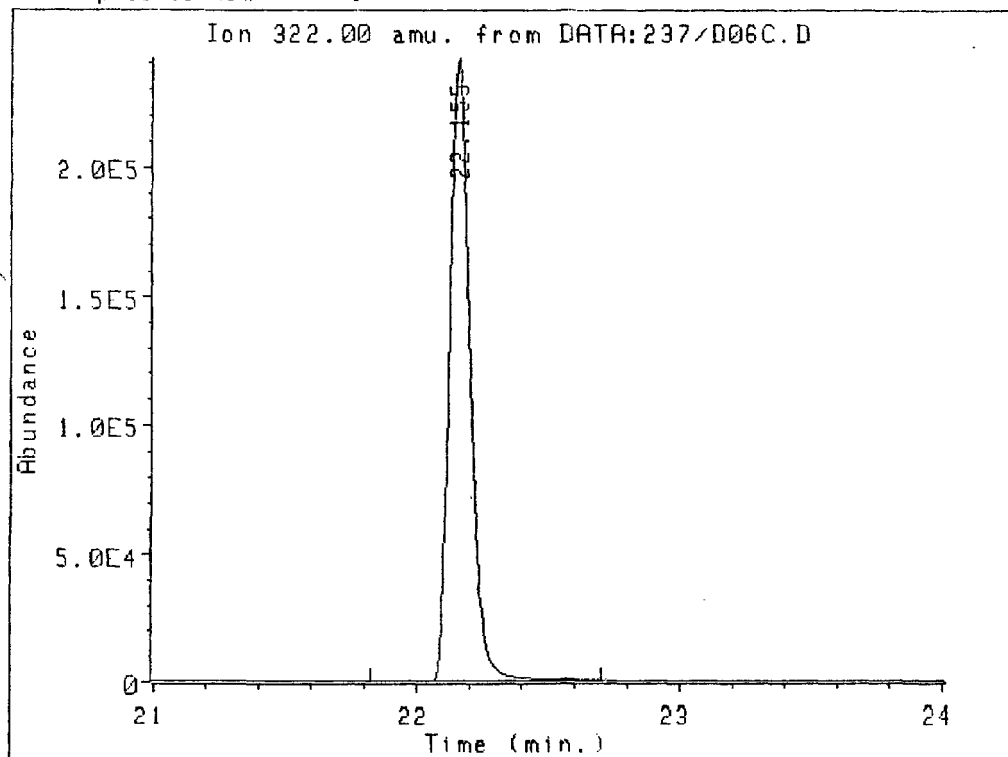
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.154	BB	0.083	9854770	21.827	22.676

Data file: DATA:237/D06C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:43 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 3



Ion 322.00 amu. from DATA:237/D06C.D
CALIBRATION SOLN IV

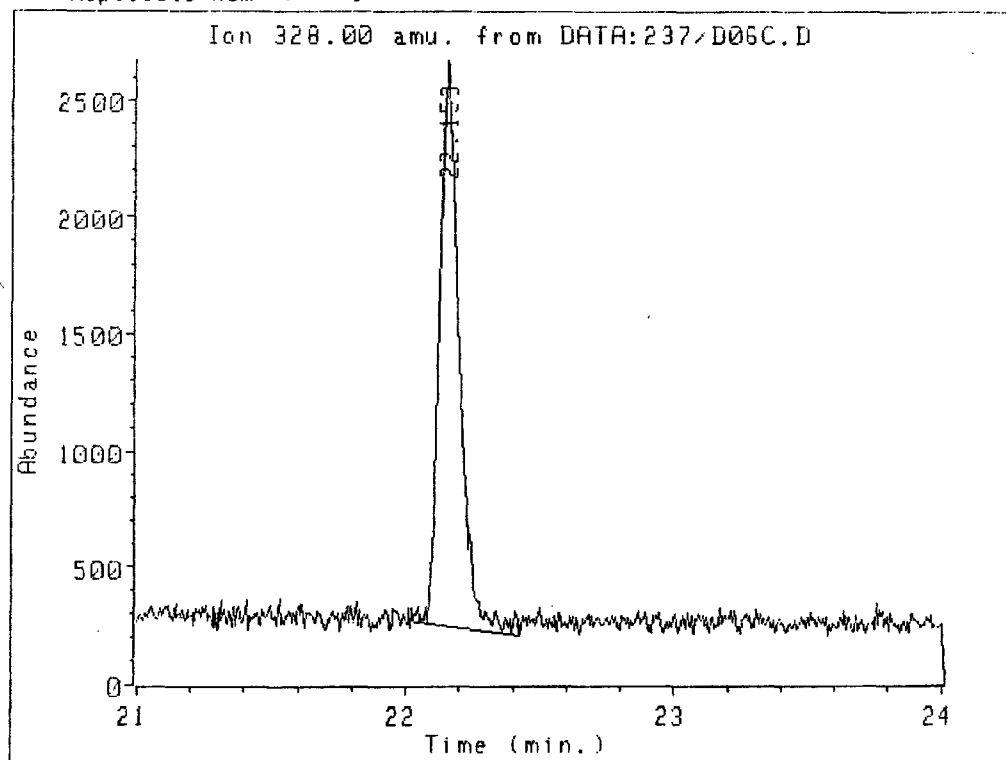
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.155	BU	0.082	12947345	21.824	22.200

Data file: DATA:237/D06C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:43 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 3



Ion 328.00 amu. from DATA:237/D06C.D
CALIBRATION SOLN IV

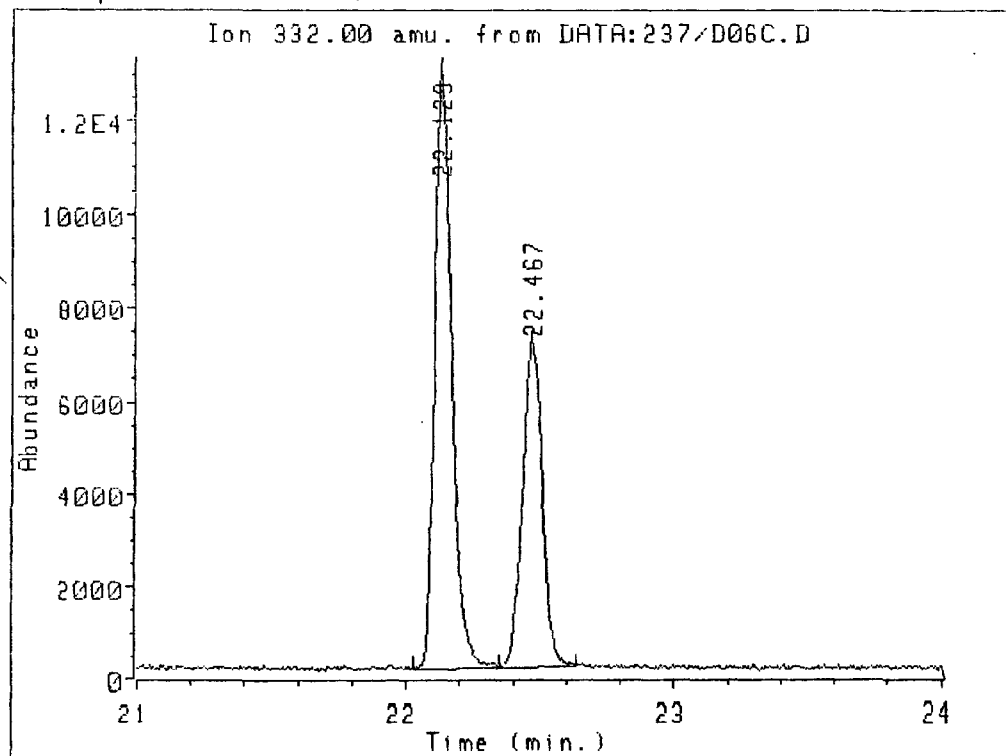
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.153	BB	0.081	127149	22.011	22.425

Data file: DATA:237/D06C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:43 am
Instrument: IIS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 6
Replicate num : 3



Ion 332.00 amu. from DATA:237/D06C.D
CALIBRATION SOLN IV

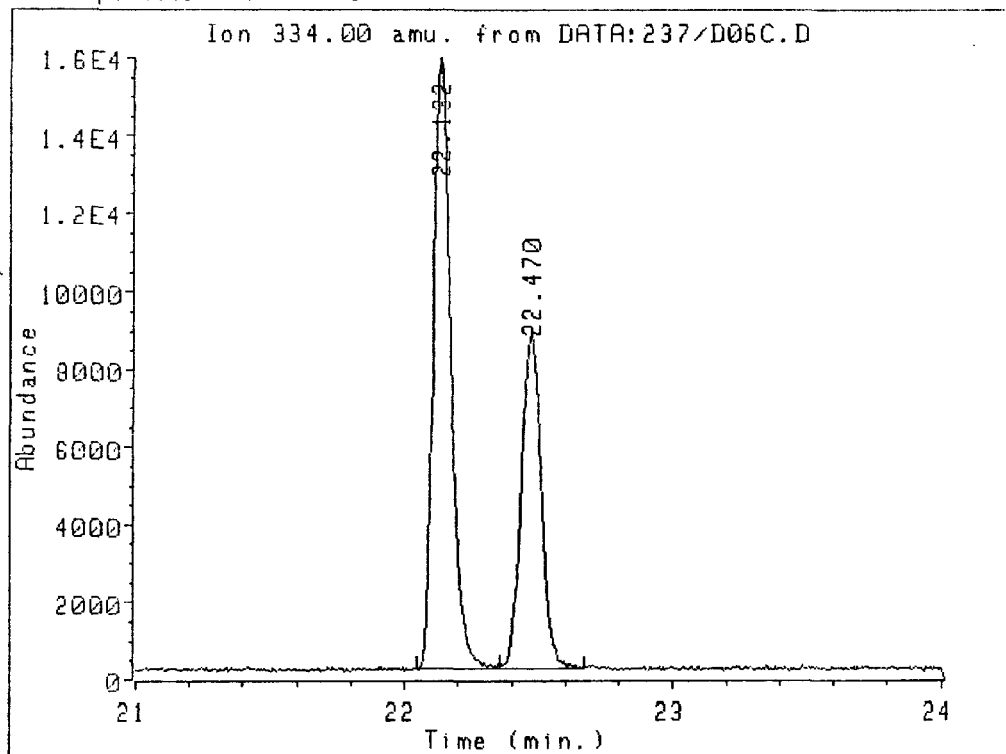
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.129	BU	0.072	577073	22.027	22.348
2	22.467	UU	0.079	367405	22.348	22.636

Data file: DATA:237/D06C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:43 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 3



023657

Ion 334.00 amu. from DATA:237/D06C.D
CALIBRATION SOLN IV

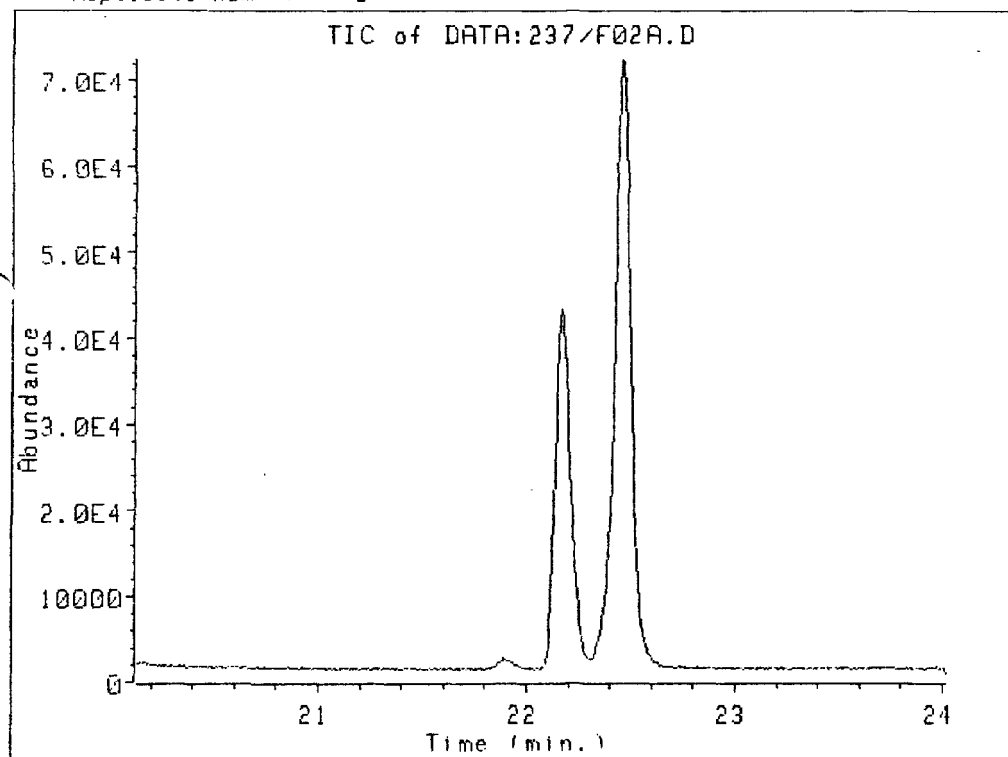
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.132	BU	0.072	723350	22.045	22.357
2	22.470	UU	0.081	453120	22.357	22.670

Data file: DATA:237/F02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 25 Aug 88 3:32 am
Instrument: MS_5970
Inlet : GC

Sequence index : 6
ALS bottle num : 2
Replicate num : 1



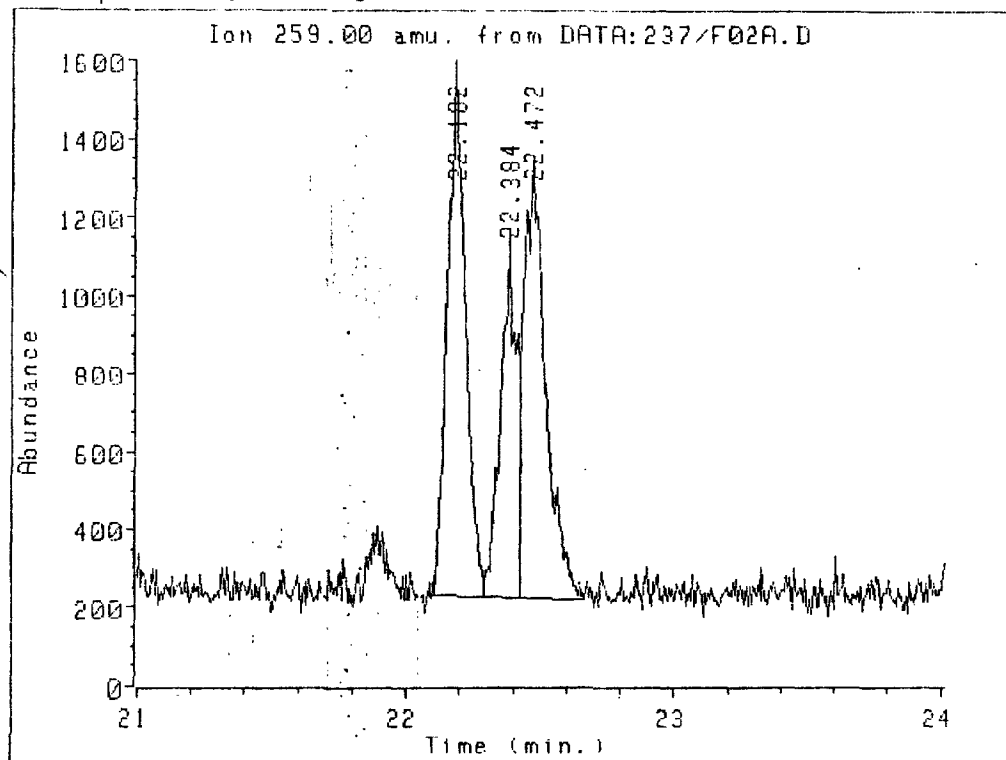
023658

Data file: DATA:237/F02A.D
File type: GC - MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 26 Aug 88 3:32 am
Instrument: HS_5970
Inlet : GC

Sequence index : 6
ALS bottle num : 2
Replicate num : 1



Ion 259.00 amu. from DATA:237/F02A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.182	BU	0.065	64019	22.088	22.290
2	22.384	UU	0.057	37106	22.290	22.425
3	22.472	UB	0.078	62735	22.425	22.664

023659

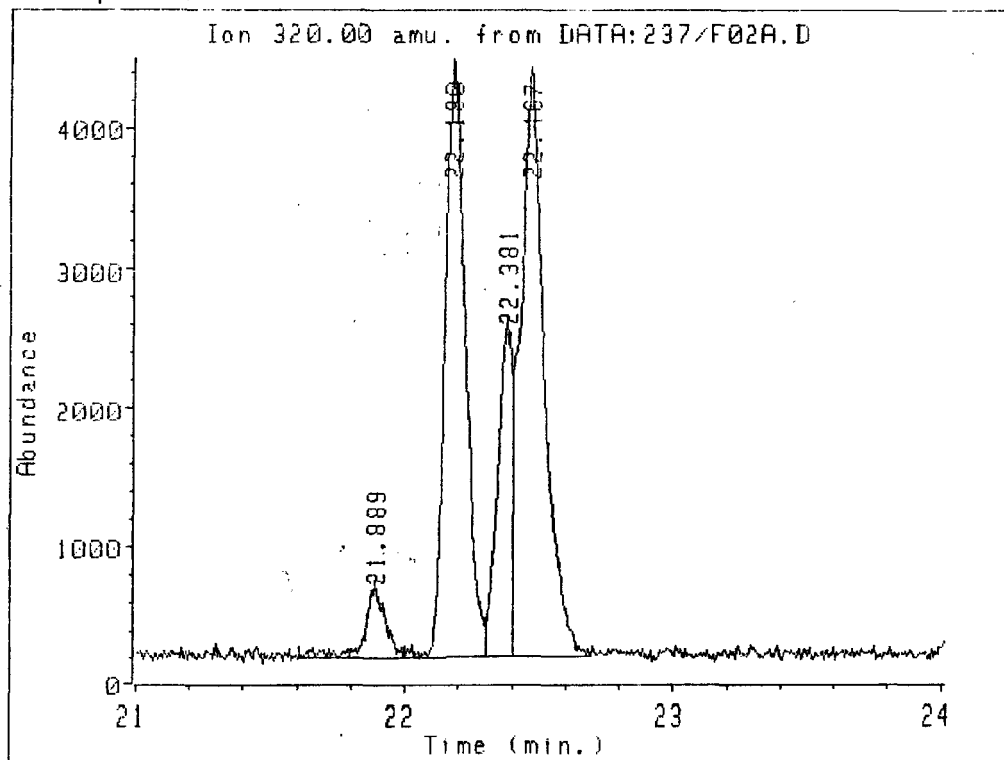
032:3670

Data file: DATA:237/F02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 25 Aug 88 3:32 am
Instrument: MS_5970
Inlet : GC

Sequence index : 6
Als bottle num : 2
Replicate num : 1



Ion 320.00 amu. from DATA:237/F02A.D
COLUMN PERFORMANCE MIX.

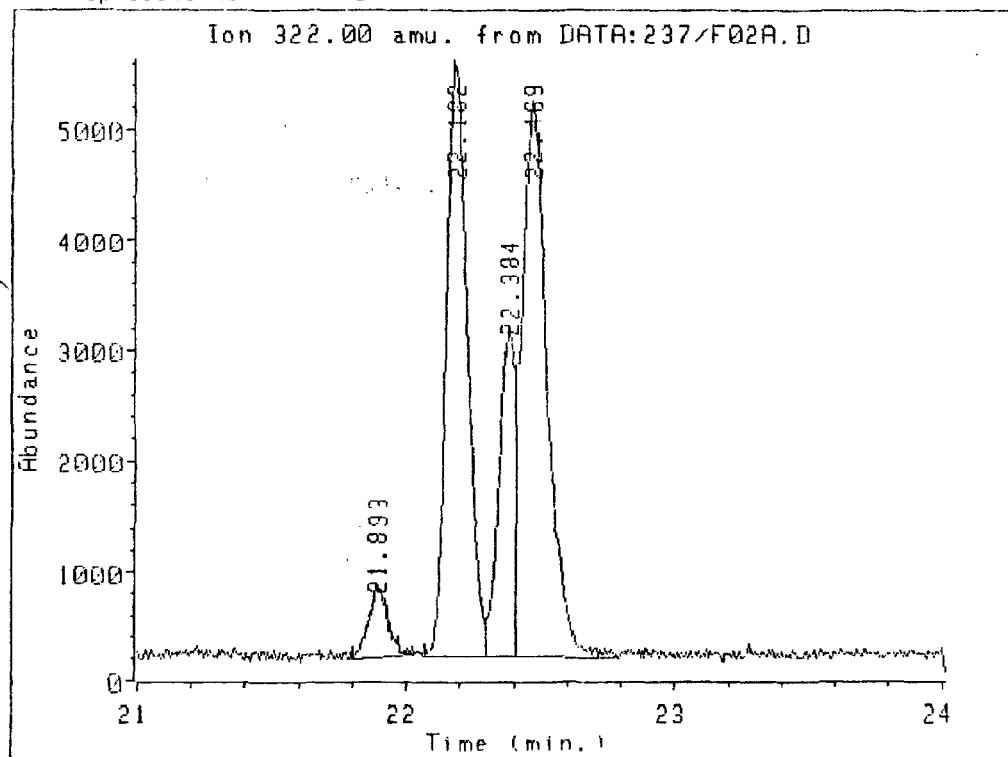
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.889	BU	0.075	29682	21.607	21.999
2	22.180	UU	0.084	229920	21.999	22.302
3	22.381	UU	0.057	88622	22.302	22.403
4	22.467	UB	0.083	260334	22.403	22.694

Data file: DATA:237/F02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 25 Aug 88 3:32 am
Instrument: MS_5970
Inlet : GC

Sequence index : 6
ALS bottle num : 2
Replicate num : 1



Ion 322.00 amu. from DATA:237/F02A.D
COLUMN PERFORMANCE MIX

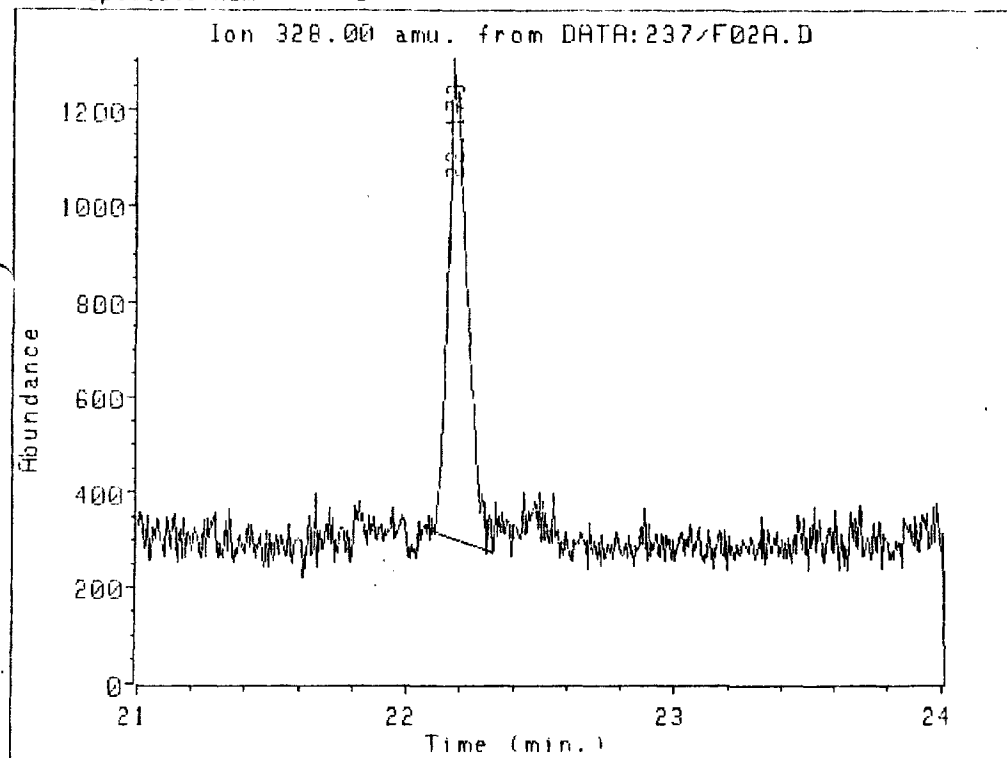
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.893	BB	0.073	33010	21.803	22.030
2	22.182	BU	0.081	294138	22.066	22.296
3	22.384	UU	0.067	117665	22.296	22.406
4	22.469	UB	0.101	337601	22.406	22.774

Data file: DATA:237/F02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 25 Aug 88 3:32 am
Instrument: MS_5970
Inlet : GC

Sequence index : 6
Als bottle num : 2
Replicate num : 1



Ion 328.00 amu. from DATA:237/F02A.D
COLUMN PERFORMANCE MIX

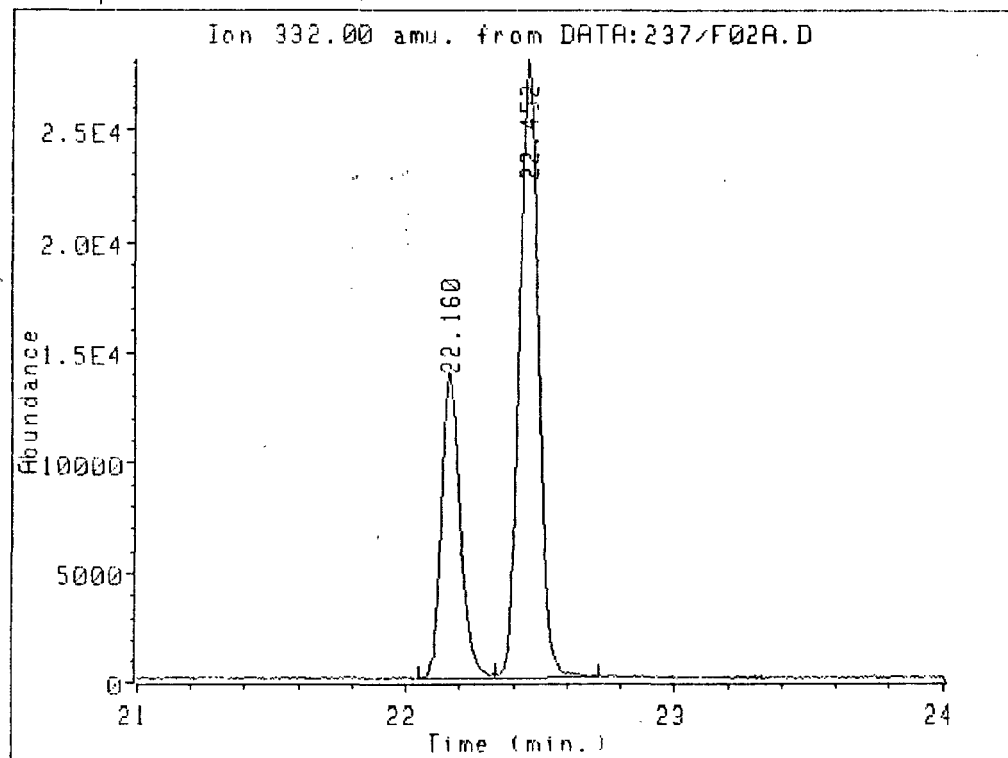
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.173	BB	0.072	49969	22.094	22.321

Data file: DATA:237/F02A.D
File type: GC x MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 25 Aug 88 3:32 am
Instrument: IIS_5970
Inlet : GC

Sequence index : 6
ALS bottle num : 2
Replicate num : 1



Ion 332.00 amu. from DATA:237/F02A.D
COLUMN PERFORMANCE MIX

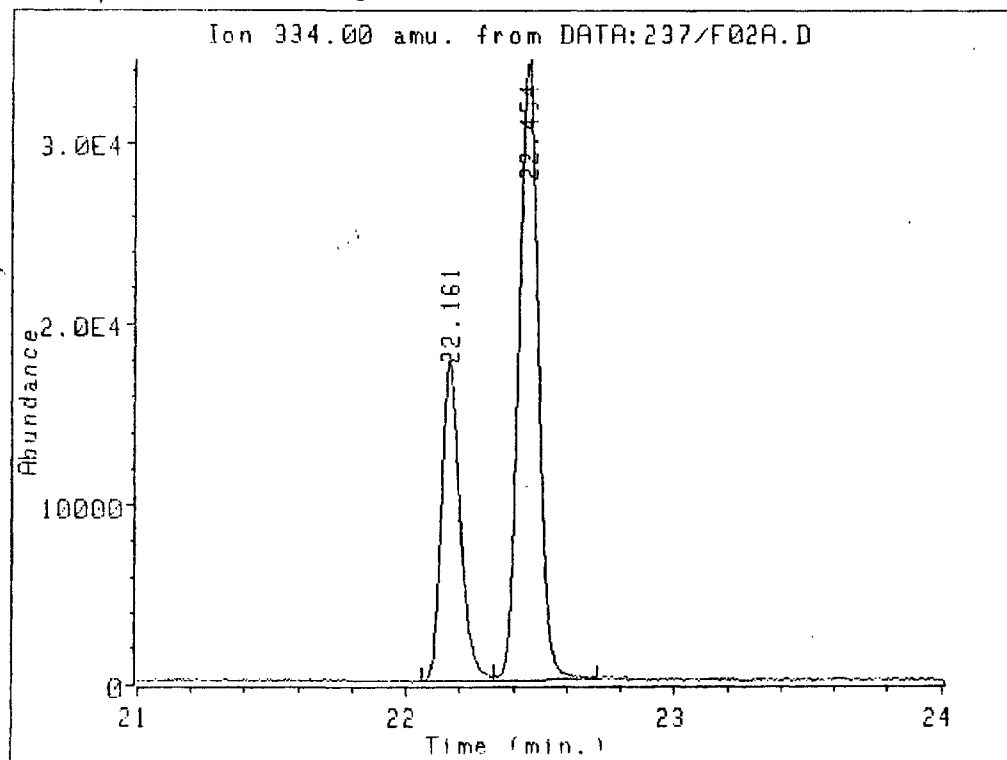
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.160	BU	0.076	679941	22.040	22.333
2	22.452	UU	0.078	1394022	22.333	22.716

Data File: DATA:237/F02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 25 Aug 88 3:32 am
Instrument: MS_5920
Inlet : GC

Sequence index : 6
Als bottle num : 2
Replicate num : 1



Ion 334.00 amu. from DATA:237/F02A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.161	BU	0.075	864292	22.057	22.324
2	22.454	UU	0.082	1736357	22.324	22.710

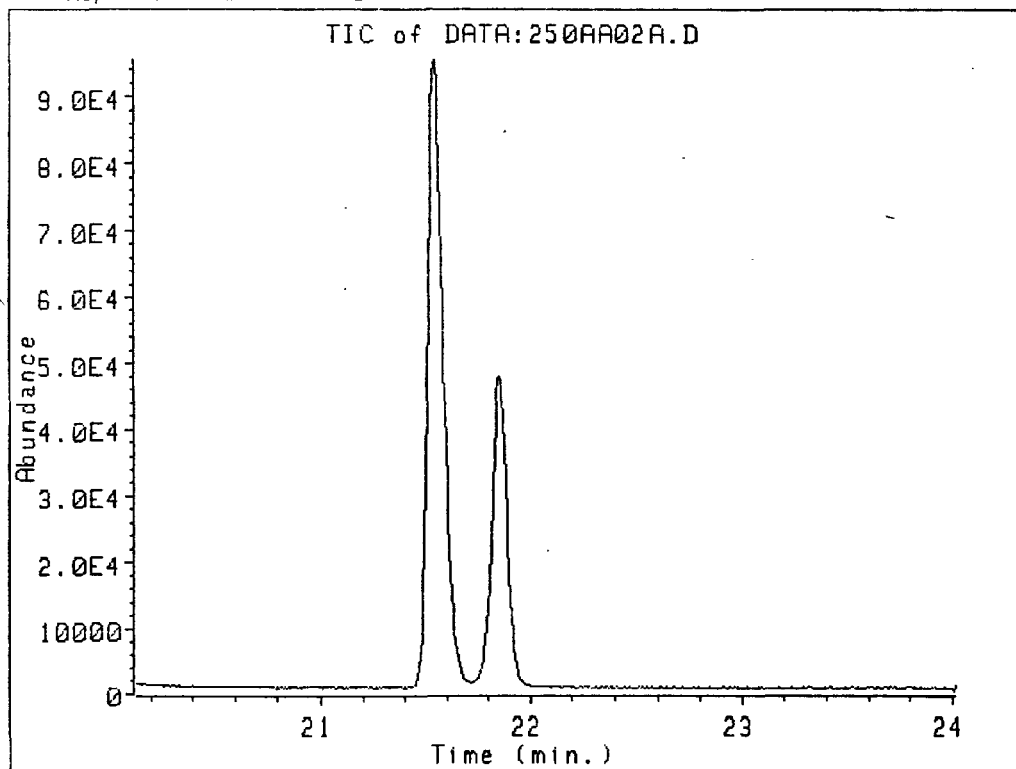
4 1938

Data file: DATA:250AA02A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN 1
Misc Info:
Operator : TMS

Date : 6 Sep 88 6:29 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 1



023665

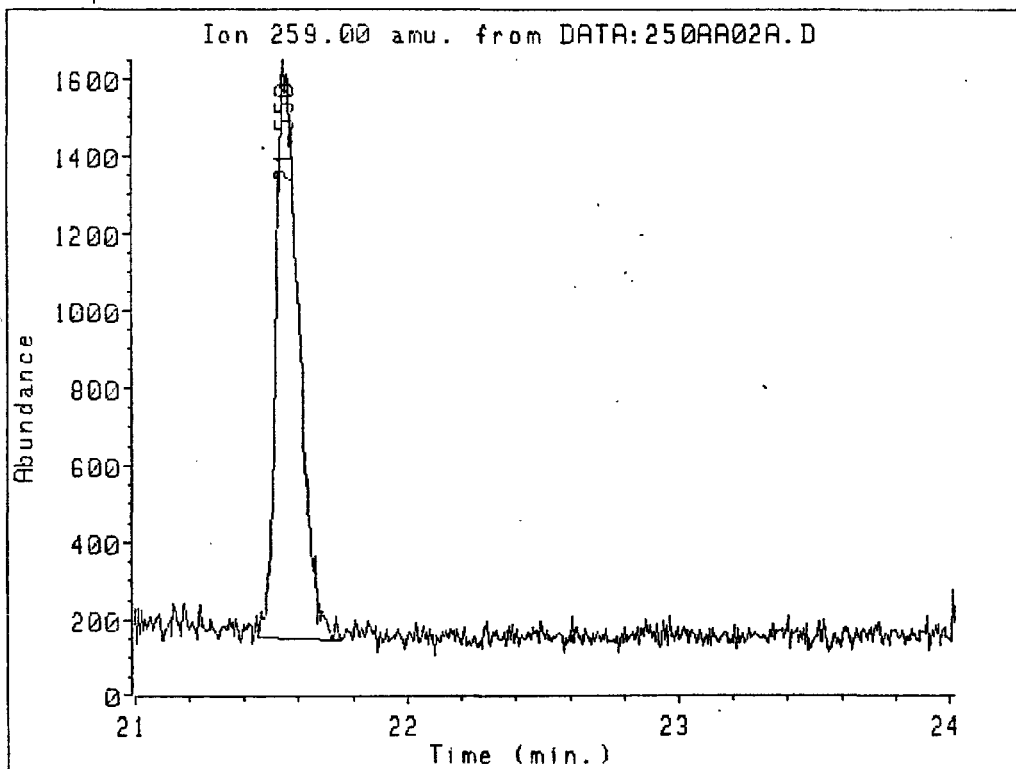
03273876

Data file: DATA:250AA02A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 6 Sep 88 6:29 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 1



Ion 259.00 amu. from DATA:250AA02A.D
CALIBRATION SOLN I

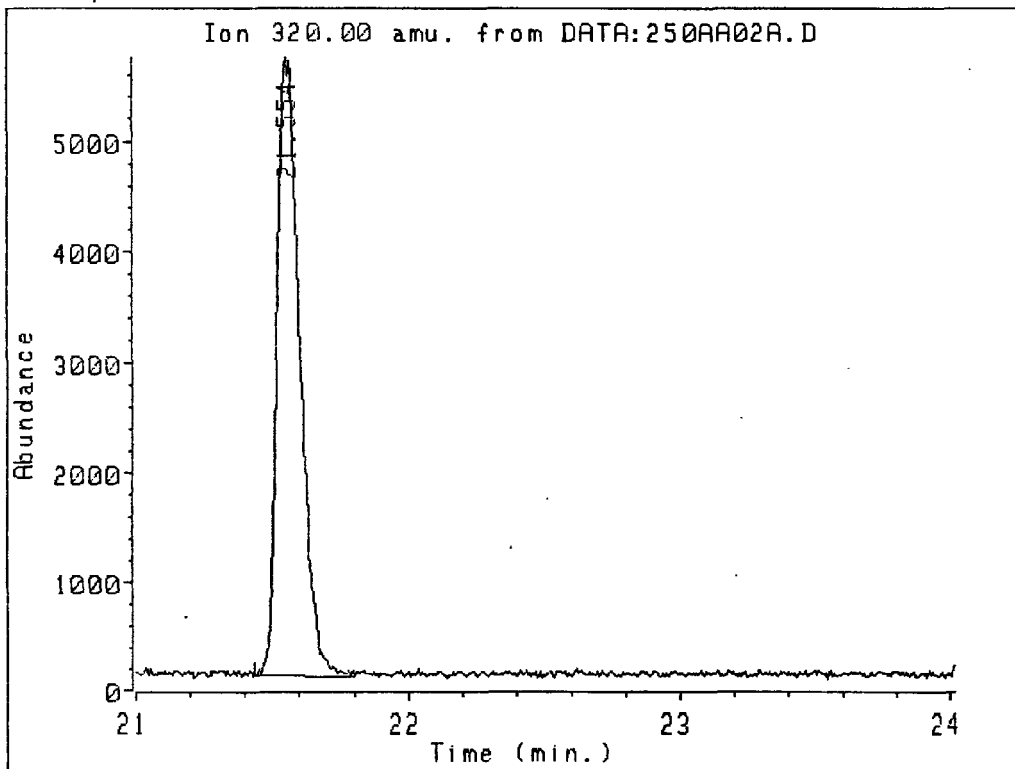
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.550	BB	0.081	87326	21.449	21.755

Data file: DATA:250AA02A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 6 Sep 88 6:29 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 1



Ion 320.00 amu. from DATA:250AA02A.D
CALIBRATION SOLN I

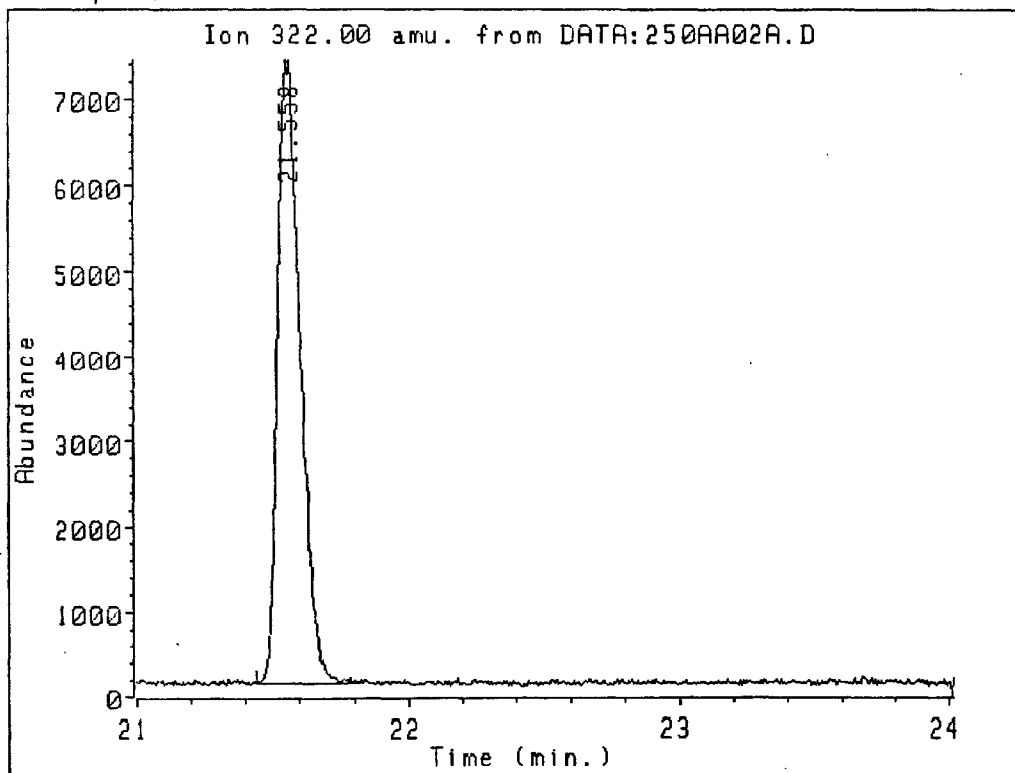
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.554	BB	0.087	330473	21.434	21.804

Data file: DATA:250AA02A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 6 Sep 88 6:29 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 1



Ion 322.00 amu. from DATA:250AA02A.D
CALIBRATION SOLN I

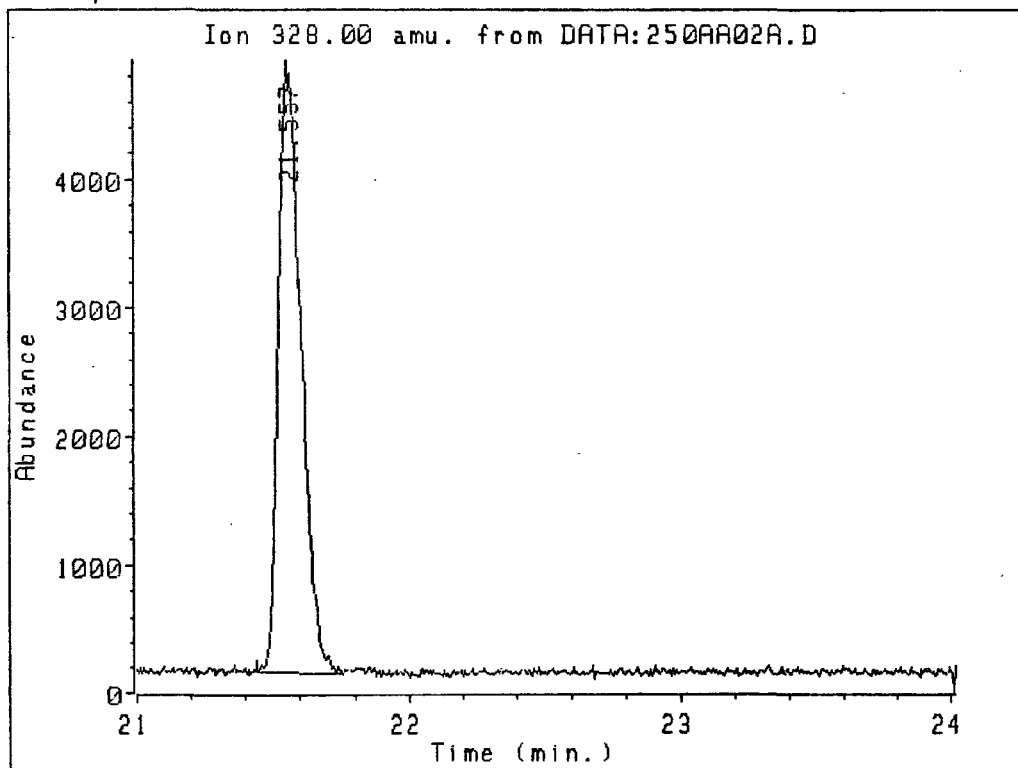
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.558	BB	0.087	427300	21.437	21.817

Data file: DATA:250AA02A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 6 Sep 88 6:29 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 1



Ion 328.00 amu. from DATA:250AA02A.D
CALIBRATION SOLN I

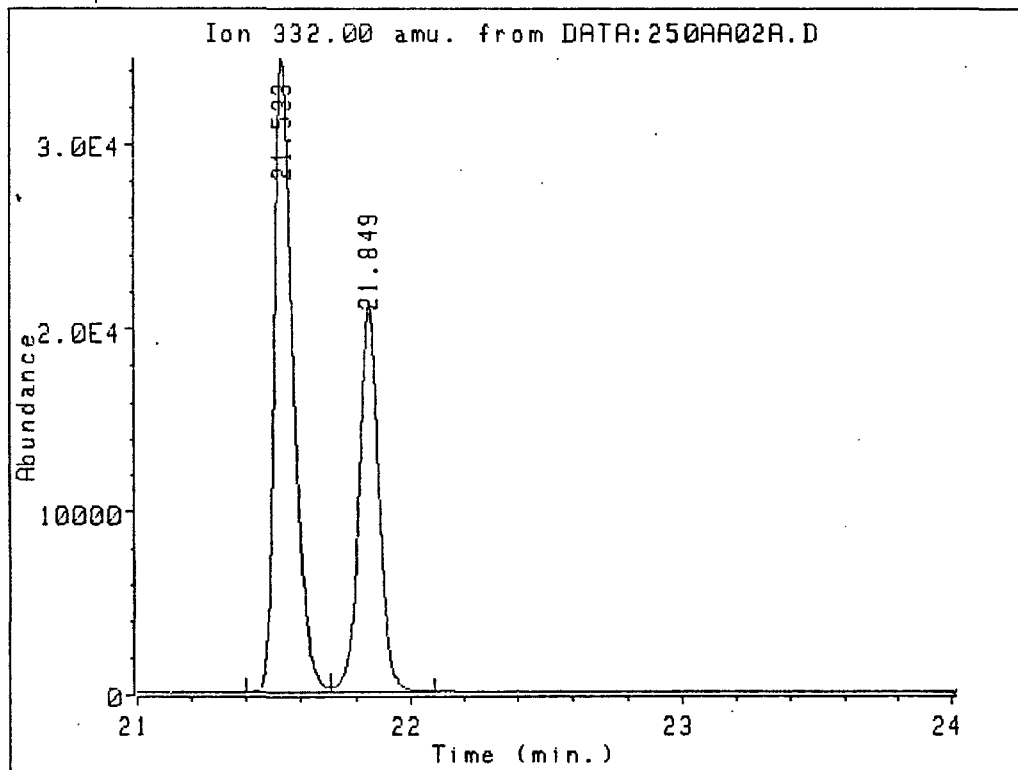
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.557	BB	0.090	274828	21.437	21.755

Data file: DATA:250AA02A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 6 Sep 88 6:29 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 1



Ion 332.00 amu. from DATA:250AA02A.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.533	BU	0.076	1712565	21.400	21.709
2	21.849	UB	0.079	1070063	21.709	22.089

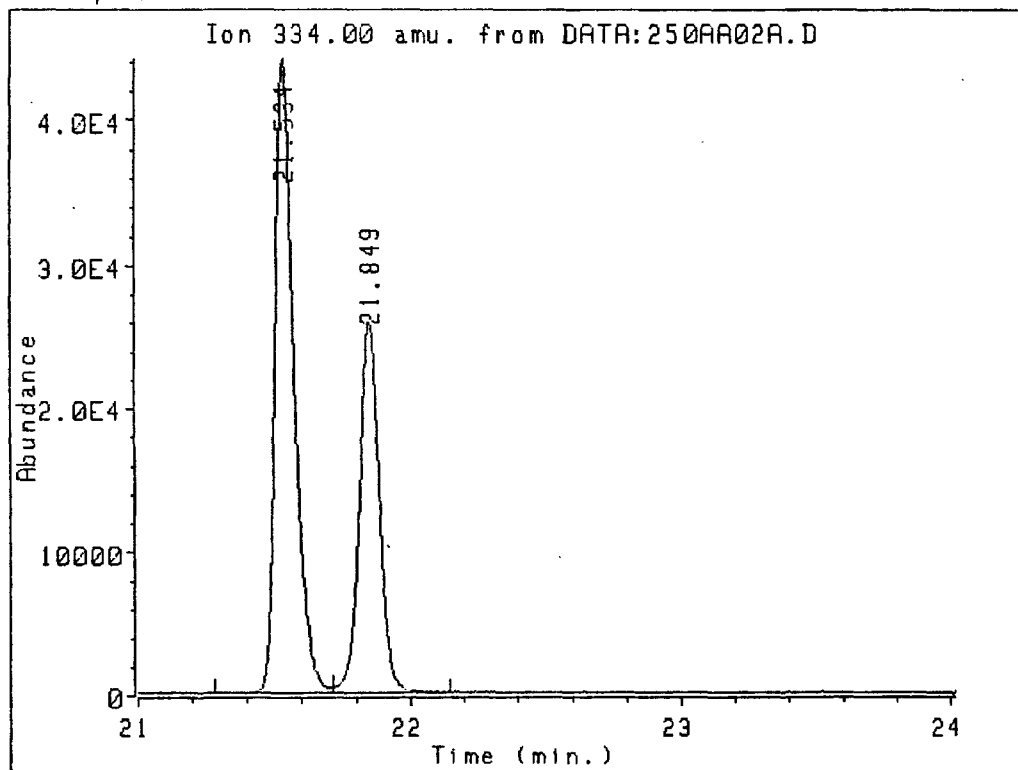
03243881

Data file: DATA:250AA02A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 6 Sep 88 6:29 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 1



Ion 334.00 amu. from DATA:250AA02A.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.534	UB	0.078	2184299	21.284	21.716
2	21.849	UB	0.078	1327779	21.716	22.148

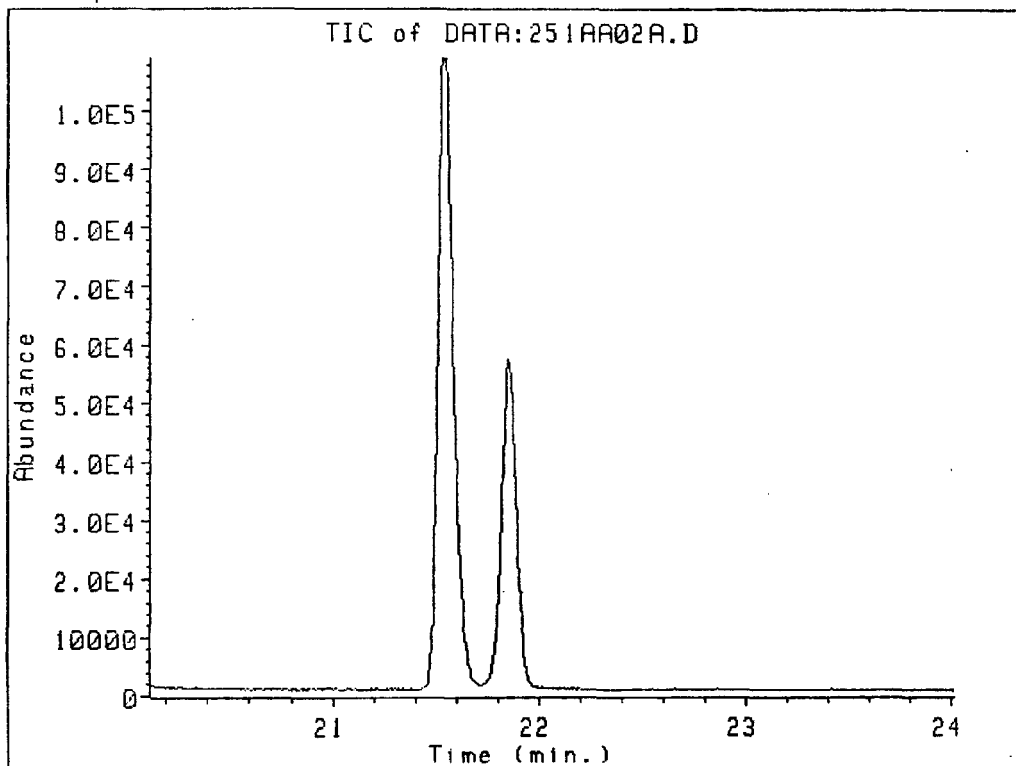
24
Data file: DATA:251AA02A.D
File type: GC / MS DATA FILE

4 1945

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 7 Sep 88 6:36 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 1



0323683

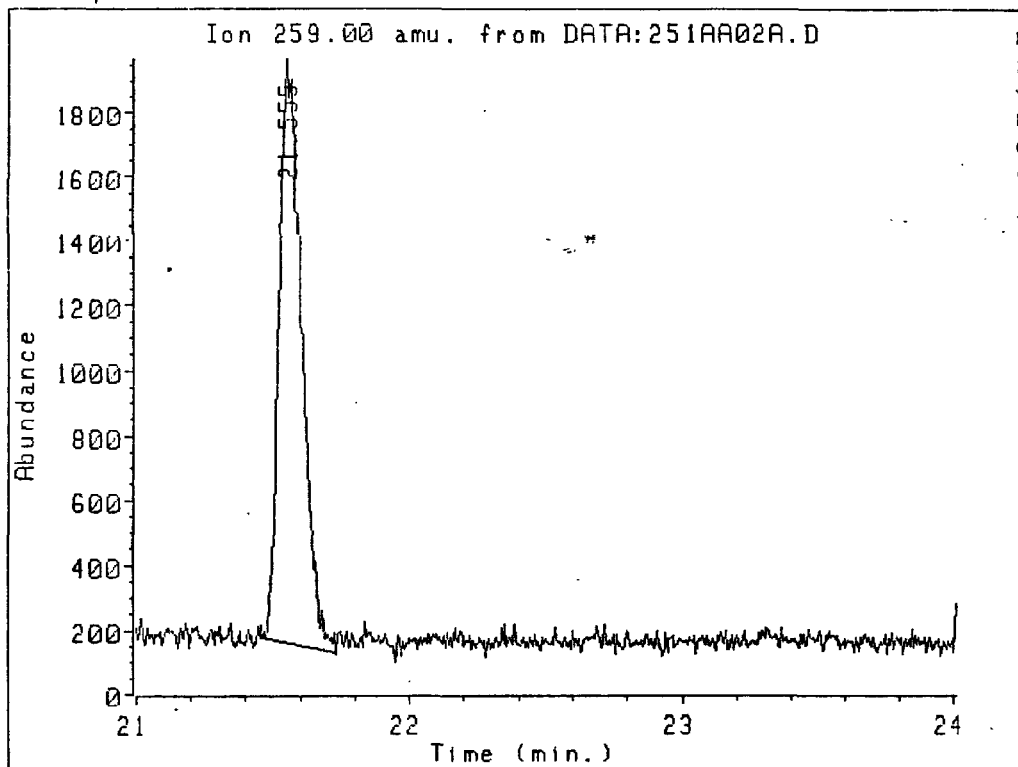
24
Data file: DATA:251AA02A.D
File type: GC / MS DATA FILE

4 1946

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 7 Sep 88 6:36 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 1



Ion 259.00 amu. from DATA:251AA02A.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.555	BB	0.080	101372	21.456	21.731

03223684

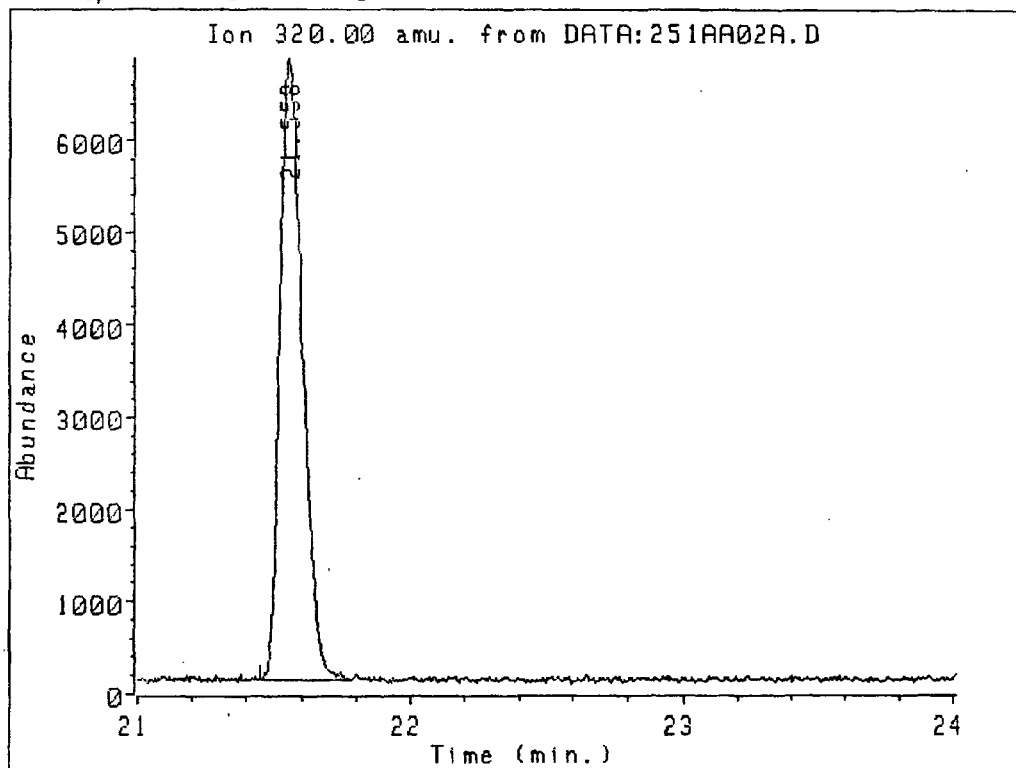
2^a
Data file: DATA:251AA02A.D
File type: GC / MS DATA FILE

4 1947

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 7 Sep 88 6:36 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 1



Ion 320.00 amu. from DATA:251AA02A.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.558	BV	0.086	378375	21.453	21.784

03203885

30

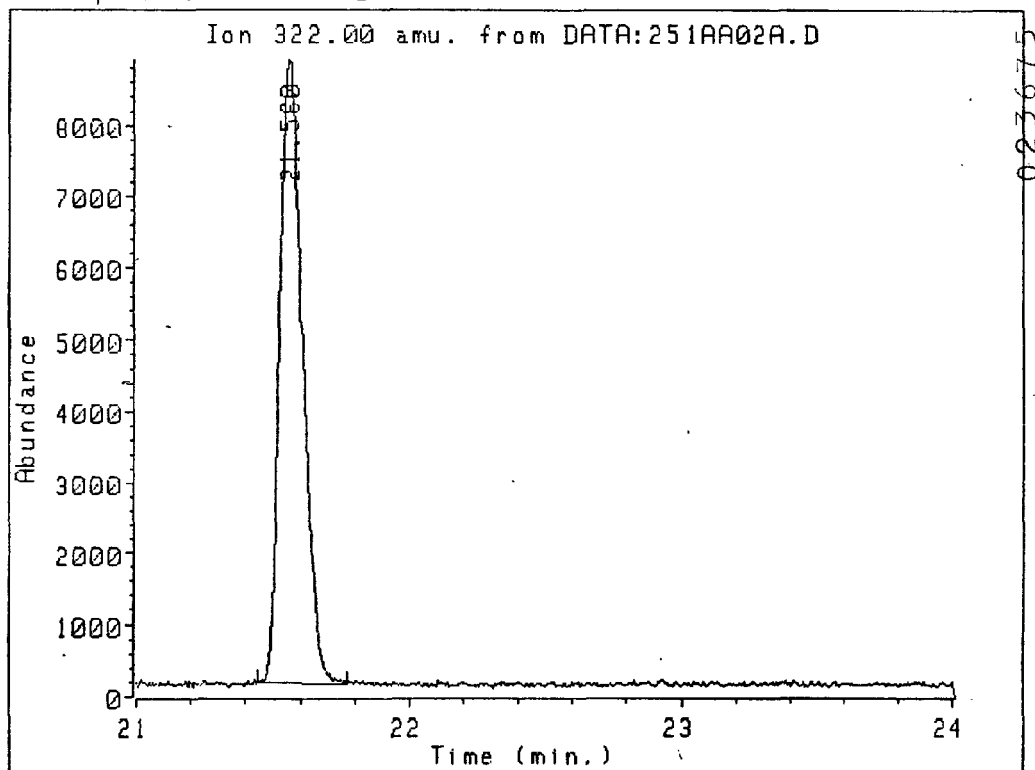
Data file: DATA:251AA02A.D
File type: GC / MS DATA FILE

4 1948

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 7 Sep 88 6:36 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 1



Ion 322.00 amu. from DATA:251AA02A.D
CALIBRATION SOLN I

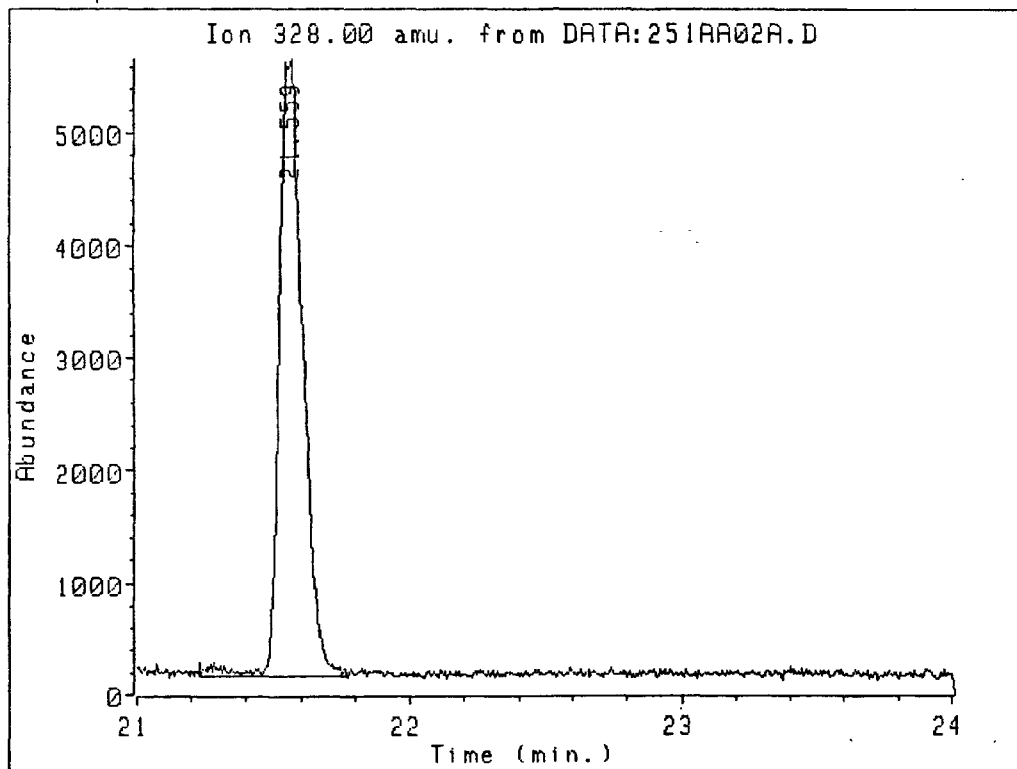
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.560	BB	0.086	492260	21.443	21.774

03233886

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 7 Sep 88 6:36 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 1



023676

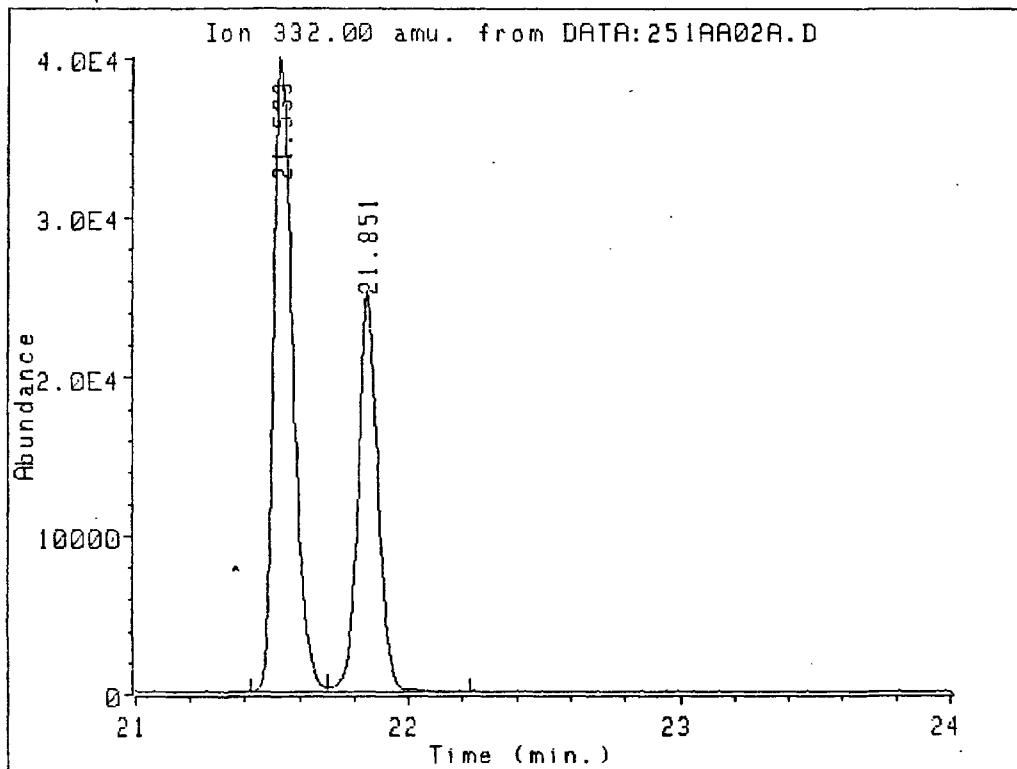
Ion 328.00 amu. from DATA:251AA02A.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.559	BV	0.083	326121	21.232	21.774

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 7 Sep 88 6:30 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 1



Ion 332.00 amu. from DATA:251AA02A.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.533	BU	0.075	1979990	21.419	21.704
2	21.851	UB	0.078	1267722	21.704	22.228

Name Info: CALIBRATION SOLN I

Misc Info:

Operator : TMS

Date : 7 Sep 88 6:36 pm

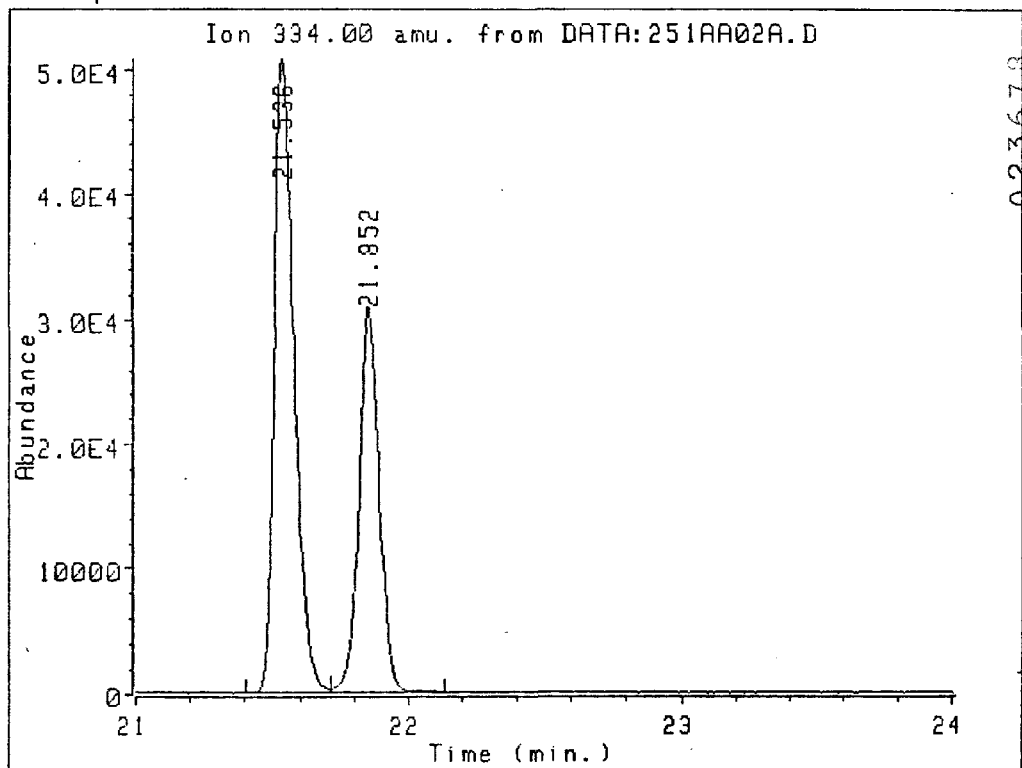
Instrument: MS_5970

Inlet : GC

Sequence index : 1

Als bottle num : 2

Replicate num : 1



Ion 334.00 amu. from DATA:251AA02A.D

CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.536	UV	0.078	2533261	21.407	21.712
2	21.852	UV	0.077	1557175	21.712	22.136

34 Data file: DATA:257AB02A.D
File type: GC / MS DATA FILE

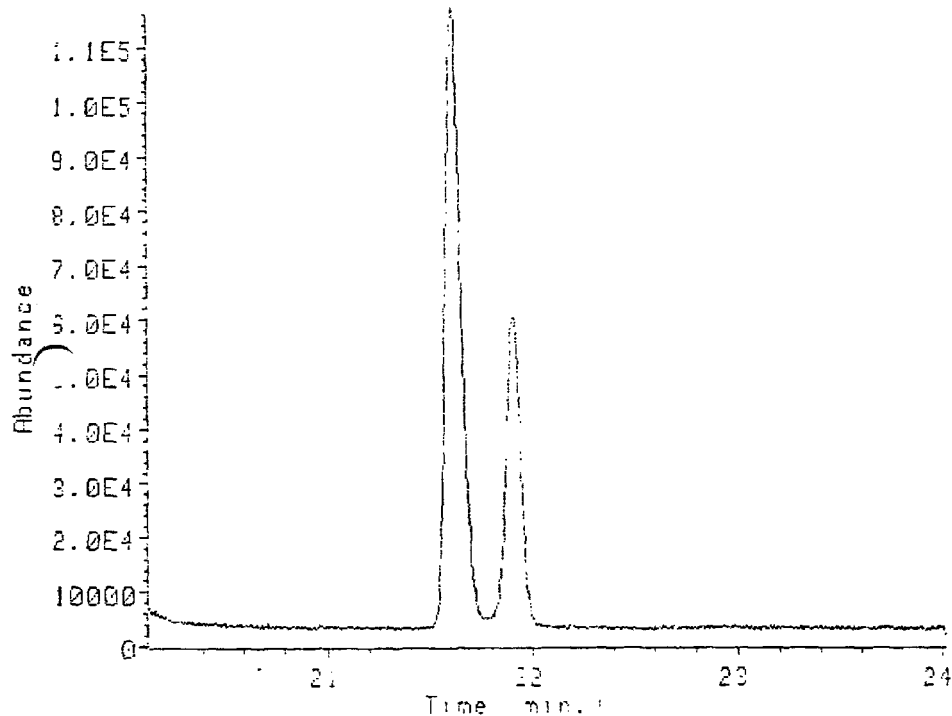
4 1952

Name Info: CALIBRATION SOLN 1
Misc Info:
Operator : TMS

Date : 13 Sep 88 11:04 am
Instrument: MS_5970
Inlet : GC

Sequence index : 2
ALS bottle num : 2
Replicate num : 1

TIC of DATA:257AB02A.D



023679

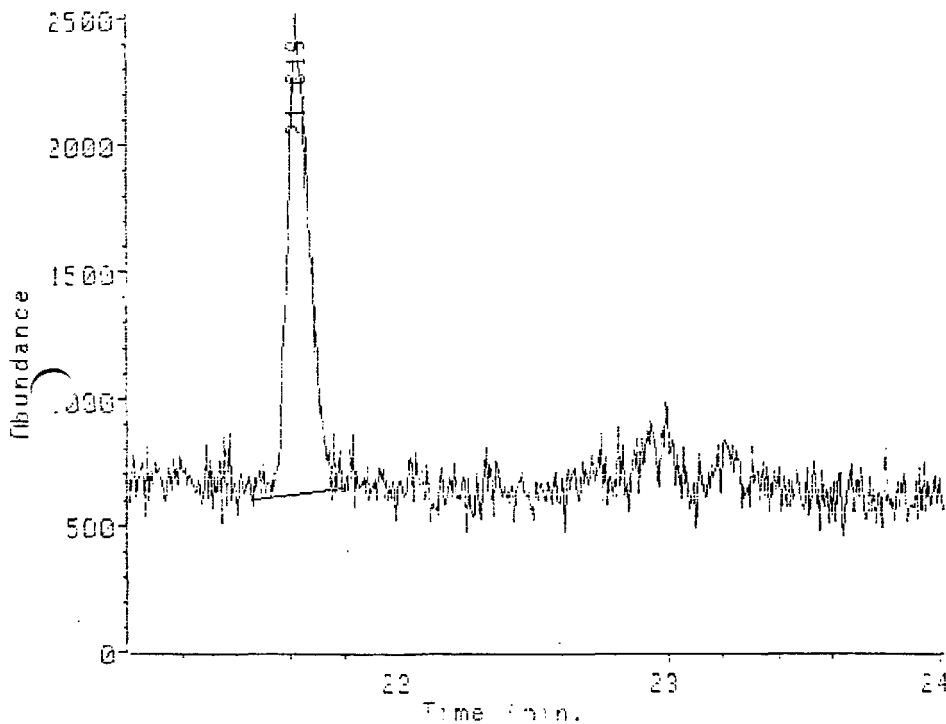
03233890

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 13 Sep 88 11:04 am
Instrument: MS_5970
Inlet : GC

Sequence index : 2
ALS bottle num : 2
Replicate num : 1

Ion 259.00 amu. from DATA:257AB02A.D



Ion 259.00 amu. from DATA:257AB02A.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.619	SO	0.078	106939	22.462	22.789

023600

3/ Date file: DATA:257AB02A.D
File type: GC / MS DATA FILE

4 1954

Name Info: CALIBRATION SOLN I

Misc Info:

Operator : TMS

Date : 13 Sep 88 11:04 am

Instrument: MS_5970

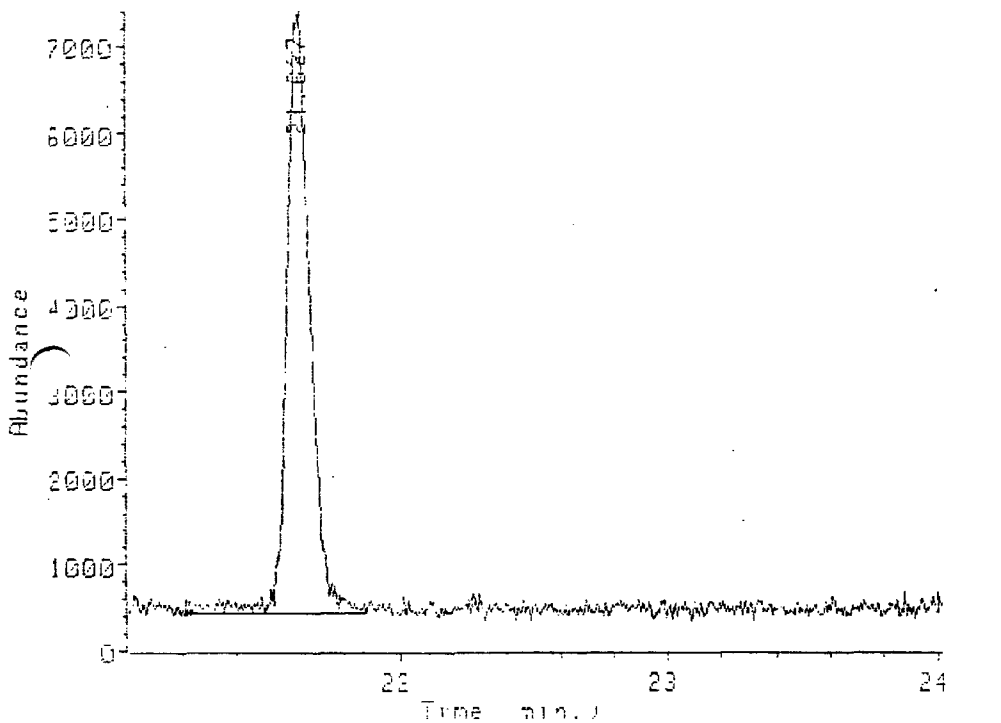
Inlet : GC

Sequence index : 2

Als bottle num : 2

Replicate num : 1

Ion 320.00 amu. from DATA:257AB02A.D



Ion 320.00 amu. from DATA:257AB02A.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.327	GC	0.081	417411	21.215	21.471

023681

03223892

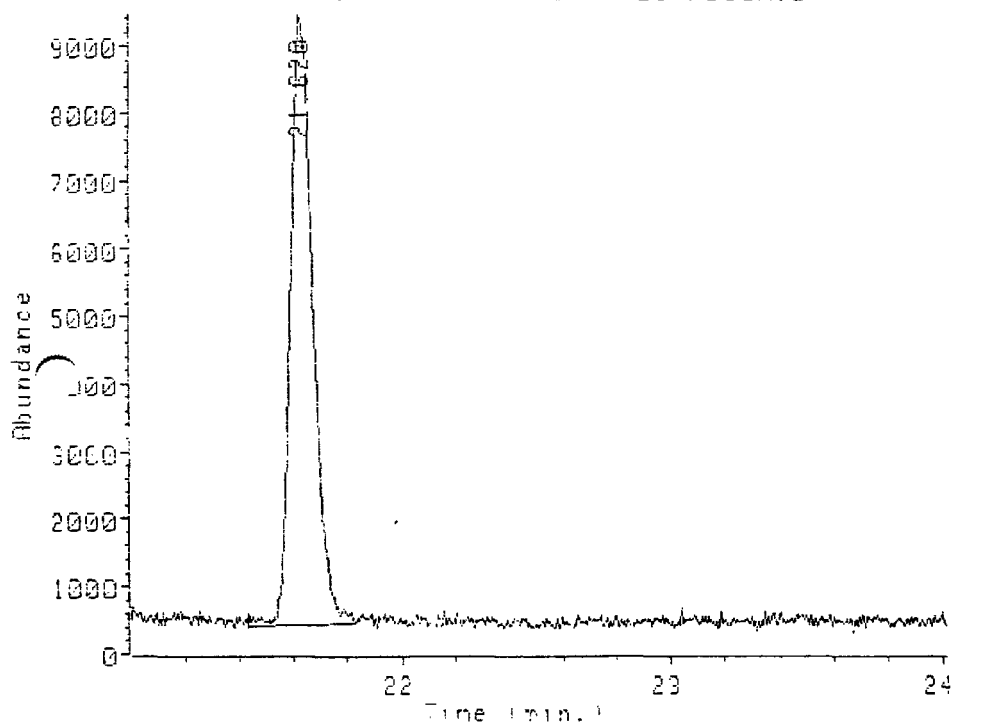
4 1955

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

ate : 13 Sep 88 11:04 am
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1

Ion 322.00 amu. from DATA:257AB02A.D



023602

Ion 322.00 amu. from DATA:257AB02A.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.620	PU	0.069	520573	21.457	21.815

0323893

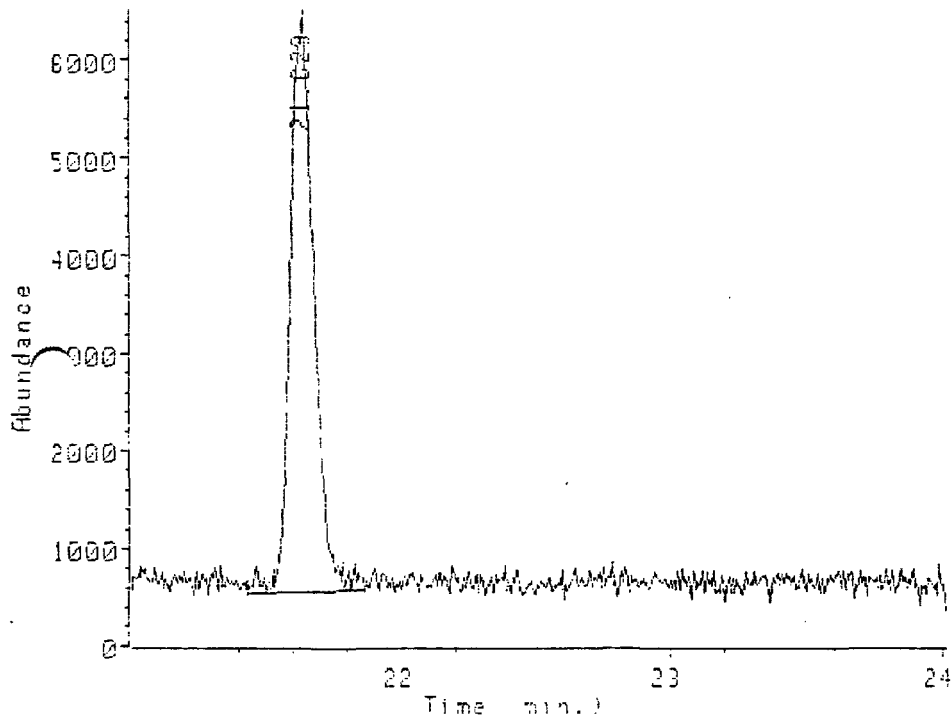
4 1956

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 13 Sep 88 11:04 am
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1

Ion 328.00 amu. from DATA:257AB02A.D



Ion 328.00 amu. from DATA:257AB02A.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.629	SO	0.087	363955.4	21.492	21.974

023683

03223894

51

Data file: DATA:257AB02A.D
File type: GC / MS DATA FILE

4 1957

Name Info: CALIBRATION SOLN I

Misc Info:

Operator : TMS

Date : 13 Sep 88 11:04 am

Instrument: MS_5970

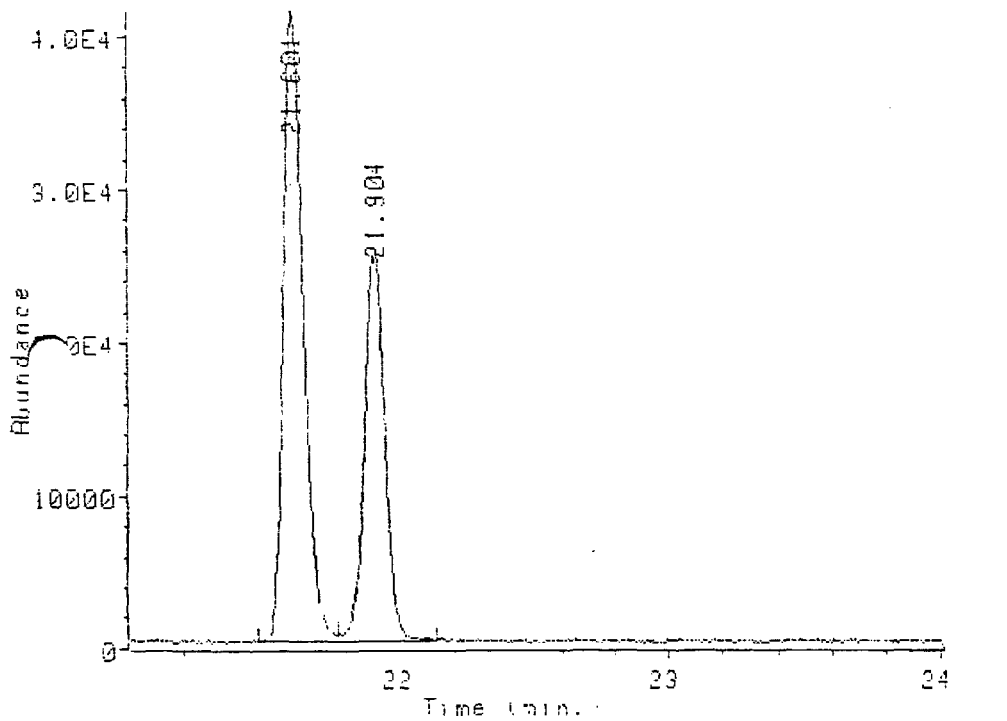
Inlet : GC

Sequence index : 2

Als bottle num : 2

Replicate num : 1

Ion 332.00 amu. from DATA:257AB02A.D



023684

Ion 332.00 amu. from DATA:257AB02A.D
CALIBRATION SOLN I

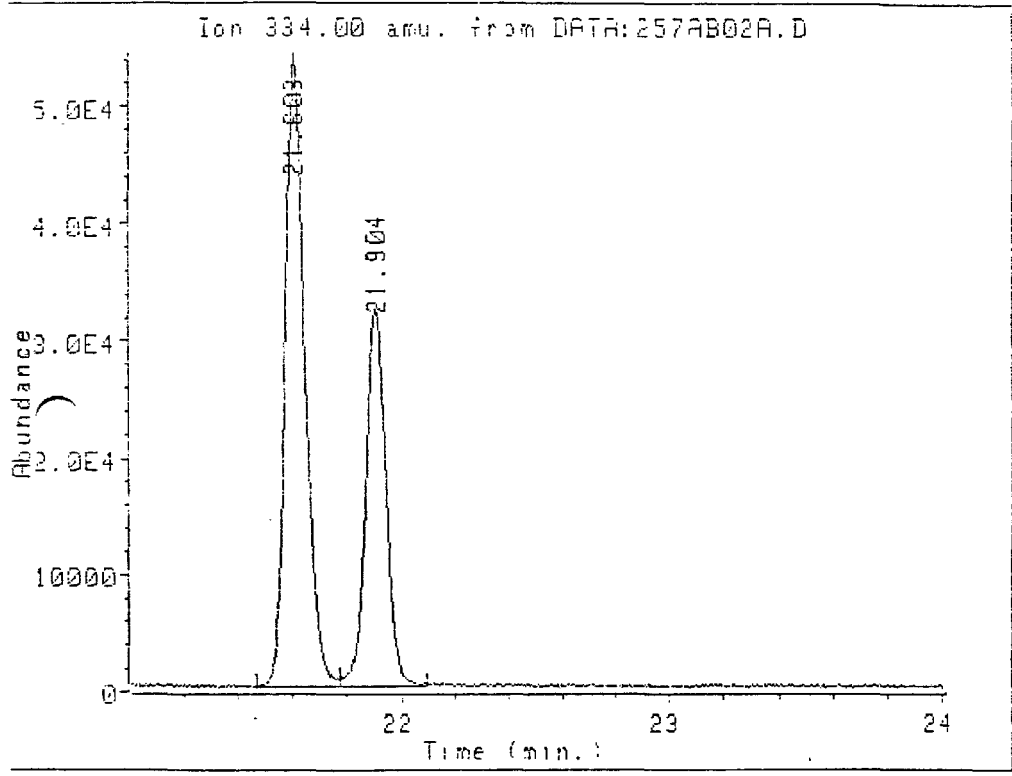
Peak#	Ret. Time	Type	Width	Area	Start Time	End Time
1	21.001	OV	0.076	2096628	21.474	21.766
2	21.904	OV	0.079	1345655	21.766	22.127

0323695

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 13 Sep 88 11:04 am
Instrument: MS_5970
Inlet : GC

Sequence index : 2
ALS bottle num : 2
Replicate num : 1



023685

Ion 334.00 amu. from DATA:257AB02A.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.503	UU	0.075	26951461	21.472	21.535
2	21.904	UU	0.075	16725891	21.775	21.837

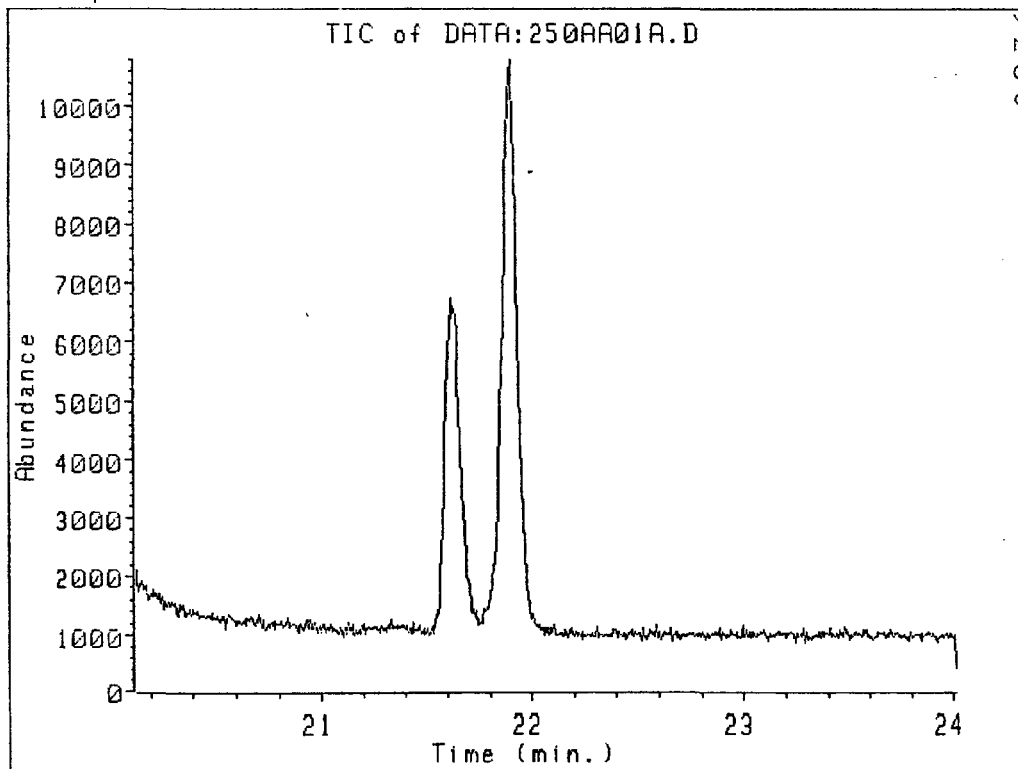
4 1959

Data file: DATA:250AA01A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 6 Sep 88 5:56 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 1
Replicate num : 1



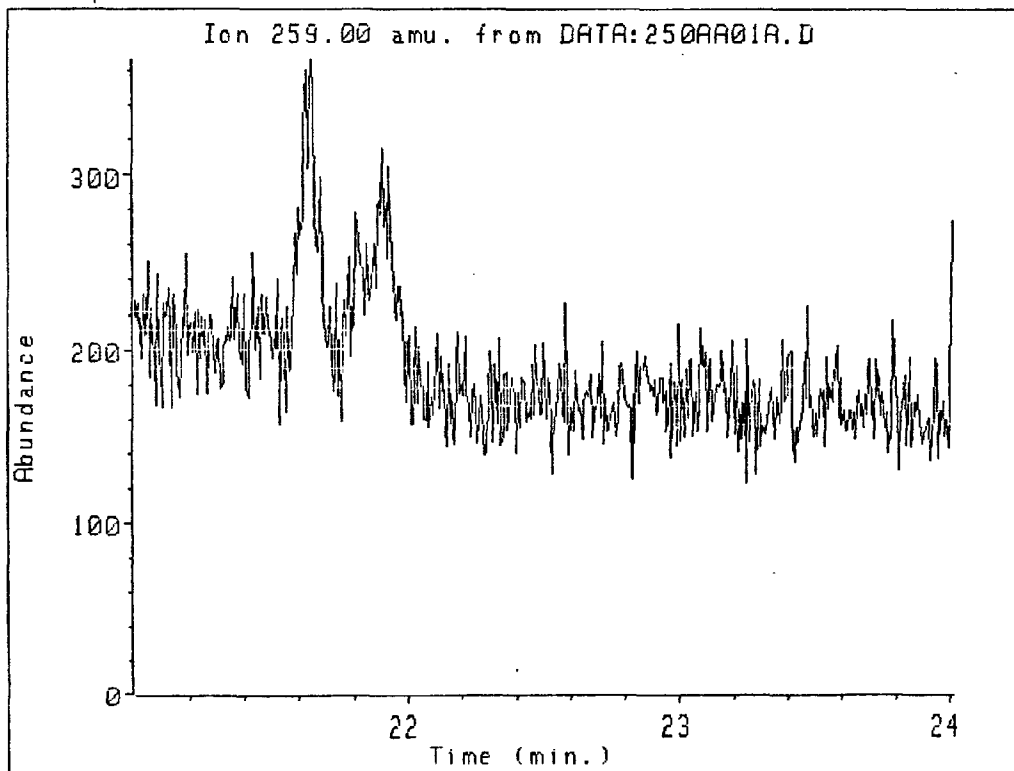
032:3697

Data file: DATA:250AA01A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 6 Sep 88 5:56 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 1
Replicate num : 1



Ion 259.00 amu. from DATA:250AA01A.D
COLUMN PERFORMANCE MIX

No peaks detected

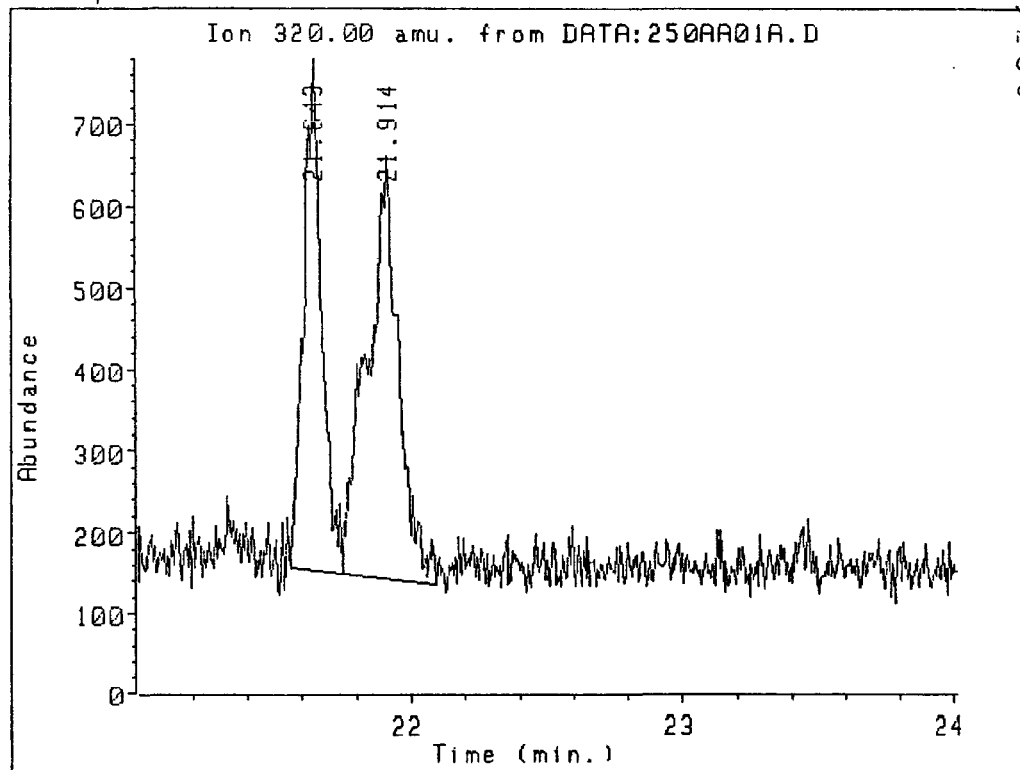
4 1961

Data file: DATA:250AA01A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 6 Sep 88 5:56 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 1
Replicate num : 1



Ion 320.00 amu. from DATA:250AA01A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.643	BU	0.063	28452	21.558	21.748
2	21.914	UB	0.105	41407	21.748	22.091

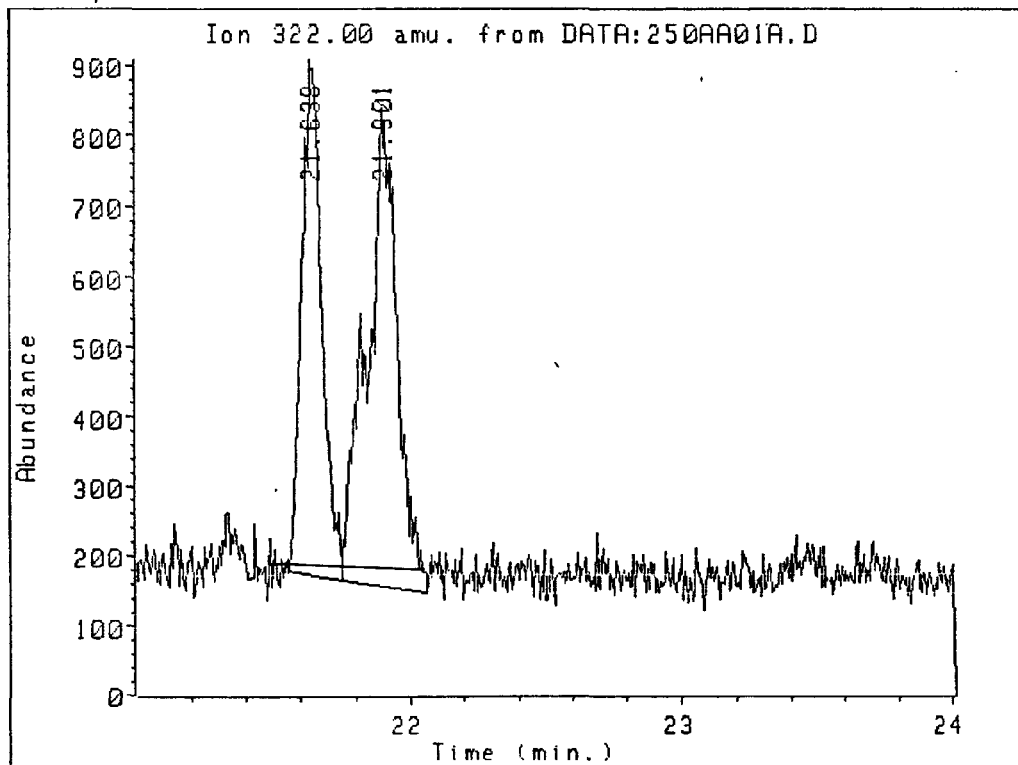
03233899

Data file: DATA:250AA01A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 6 Sep 88 5:56 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 1
Replicate num : 1



Ion 322.00 amu. from DATA:250AA01A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.638	UV	0.071	37024	21.552	21.748
2	21.901	UV	0.108	52023	21.748	22.061

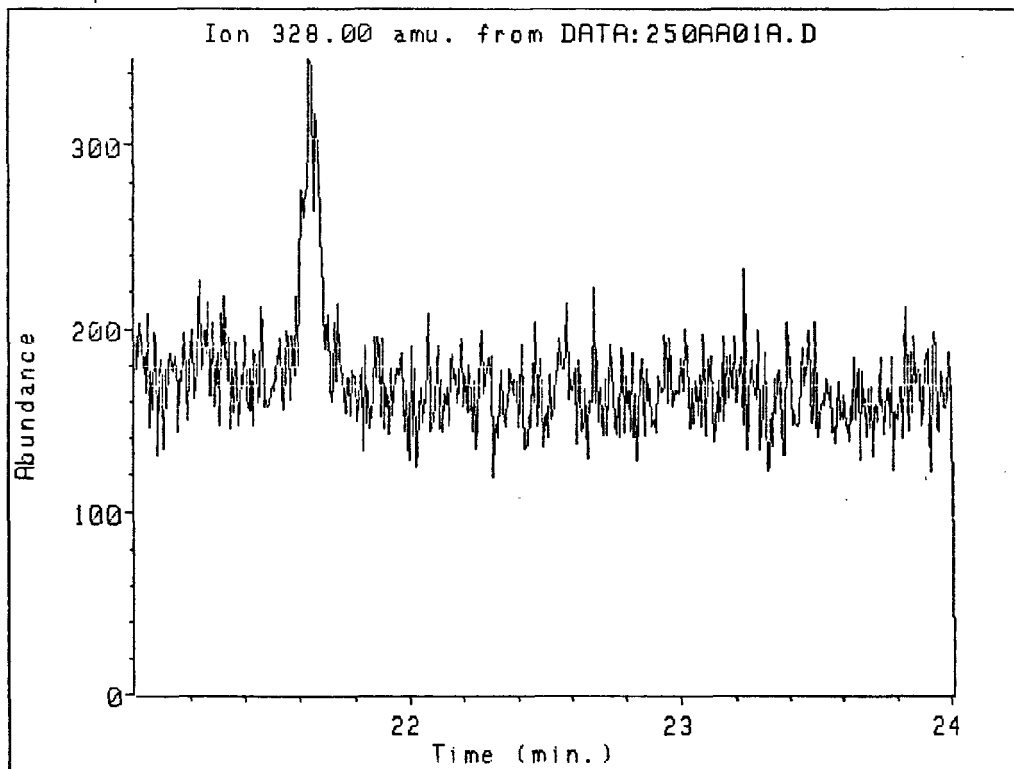
4 1963

Data file: DATA:250AA01A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 6 Sep 88 5:56 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 1
Replicate num : 1



Ion 328.00 amu. from DATA:250AA01A.D
COLUMN PERFORMANCE MIX

No peaks detected

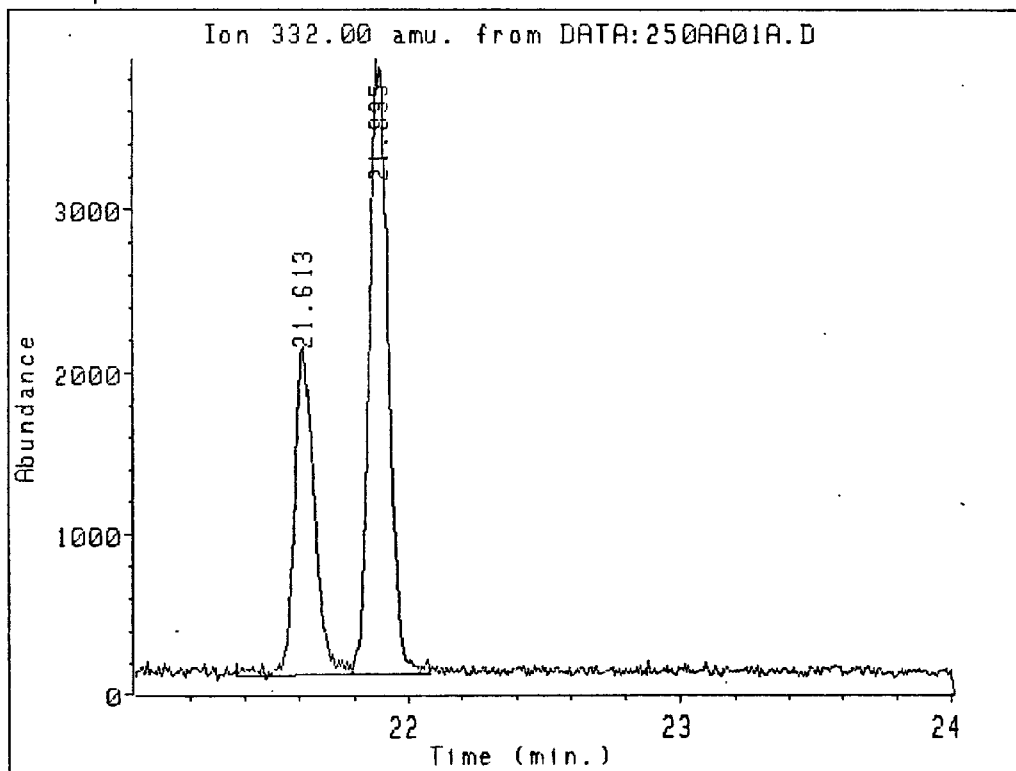
03233901

Data file: DATA:250AA01A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 6 Sep 88 5:56 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 1
Replicate num : 1



Ion 332.00 amu. from DATA:250AA01A.D
COLUMN PERFORMANCE MIX

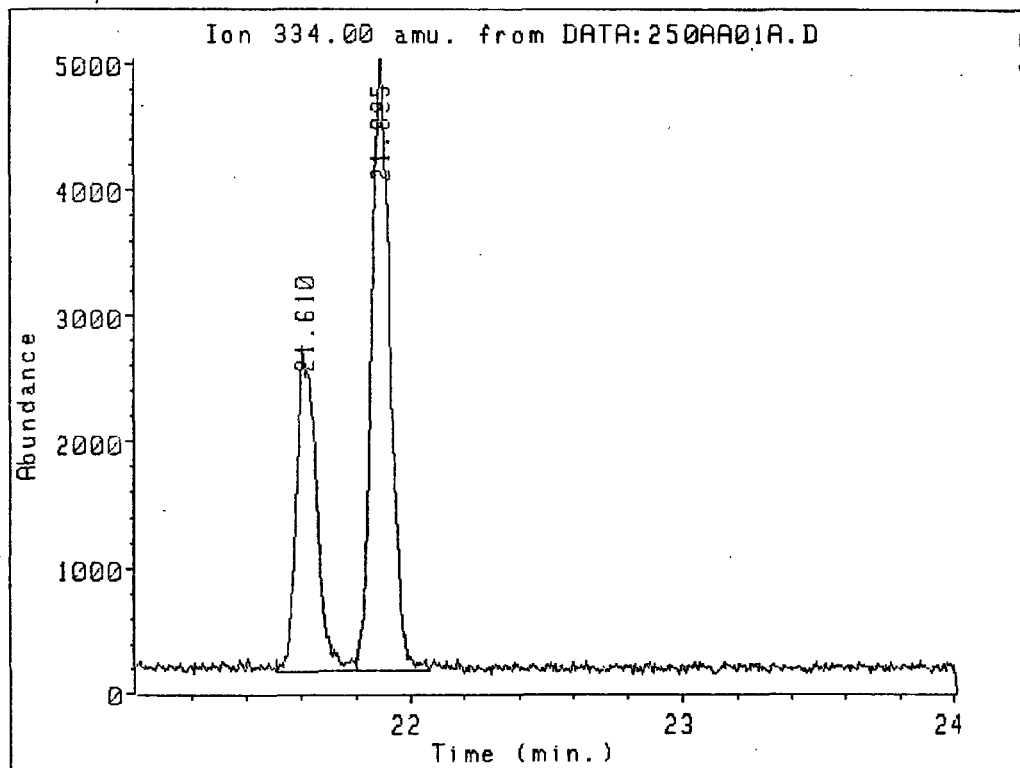
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.613	BU	0.069	100128	21.371	21.794
2	21.895	UB	0.072	185995	21.794	22.079

Data file: DATA:250AA01A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 6 Sep 88 5:56 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 1
Replicate num : 1



Ion 334.00 amu. from DATA:250AA01A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.610	UV	0.077	125302	21.509	21.803
2	21.895	UV	0.074	229456	21.803	22.067

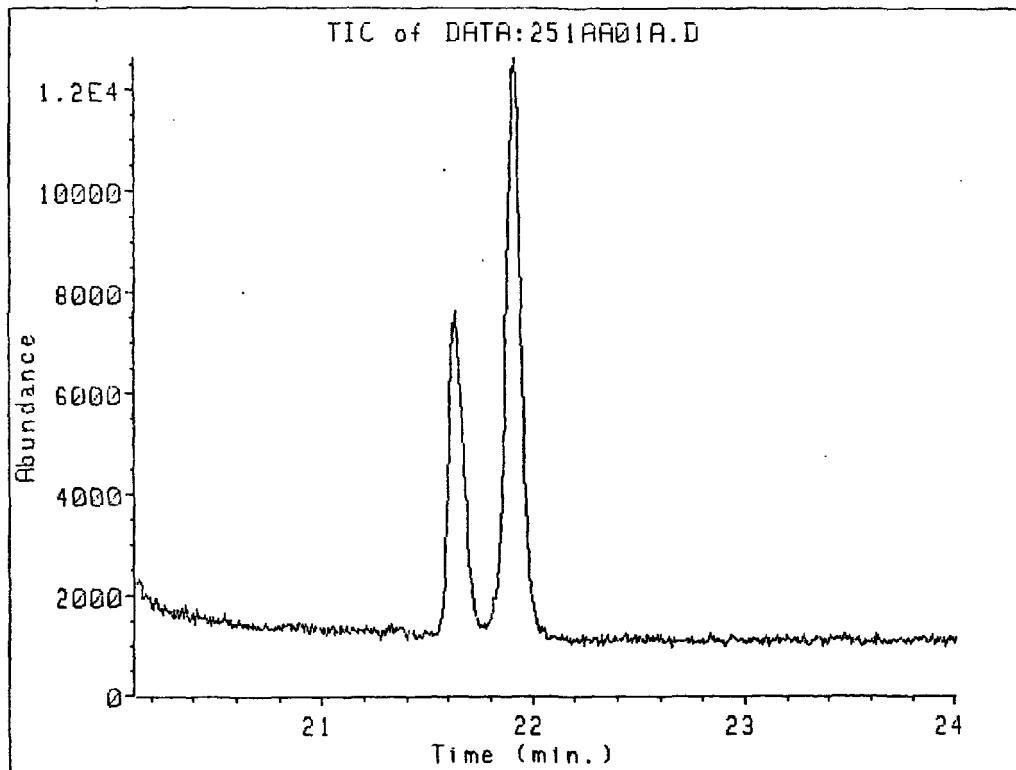
Data file: DATA:251AA01A.D
File type: GC / MS DATA FILE

4 1966

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 7 Sep 88 6:04 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 1
Replicate num : 1



0323904

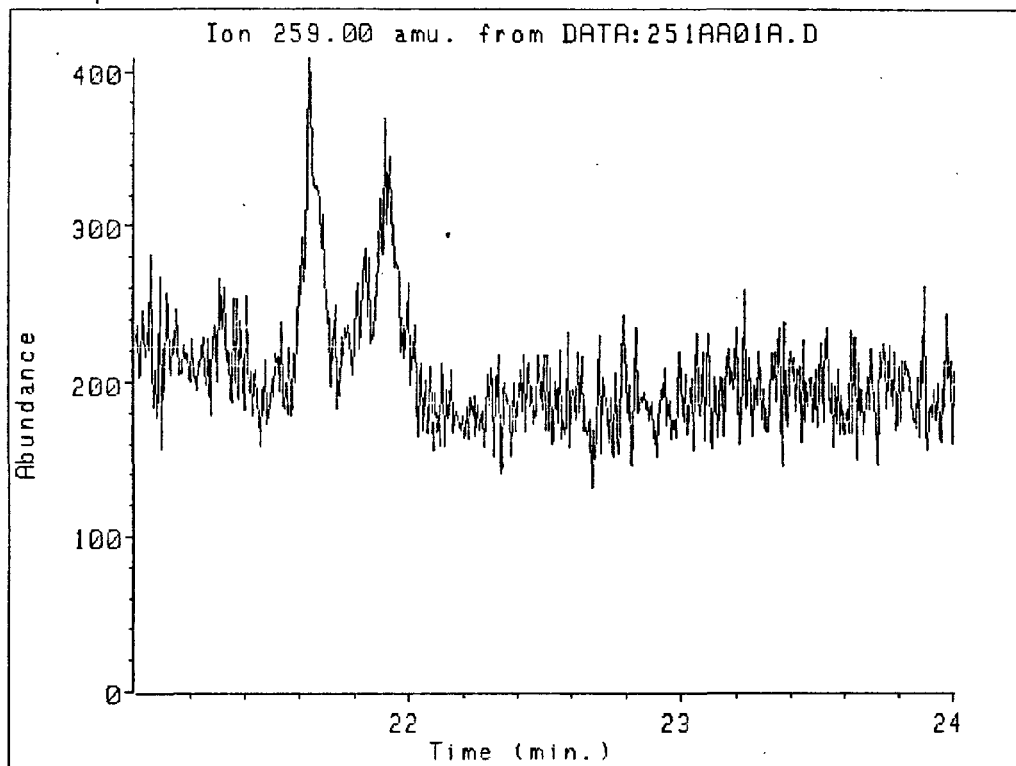
Data file: DATA:251AA01A.D
File type: GC / MS DATA FILE

4 1967

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 7 Sep 88 6:04 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
ALS bottle num : 1
Replicate num : 1



Ion 259.00 amu. from DATA:251AA01A.D
COLUMN PERFORMANCE MIX

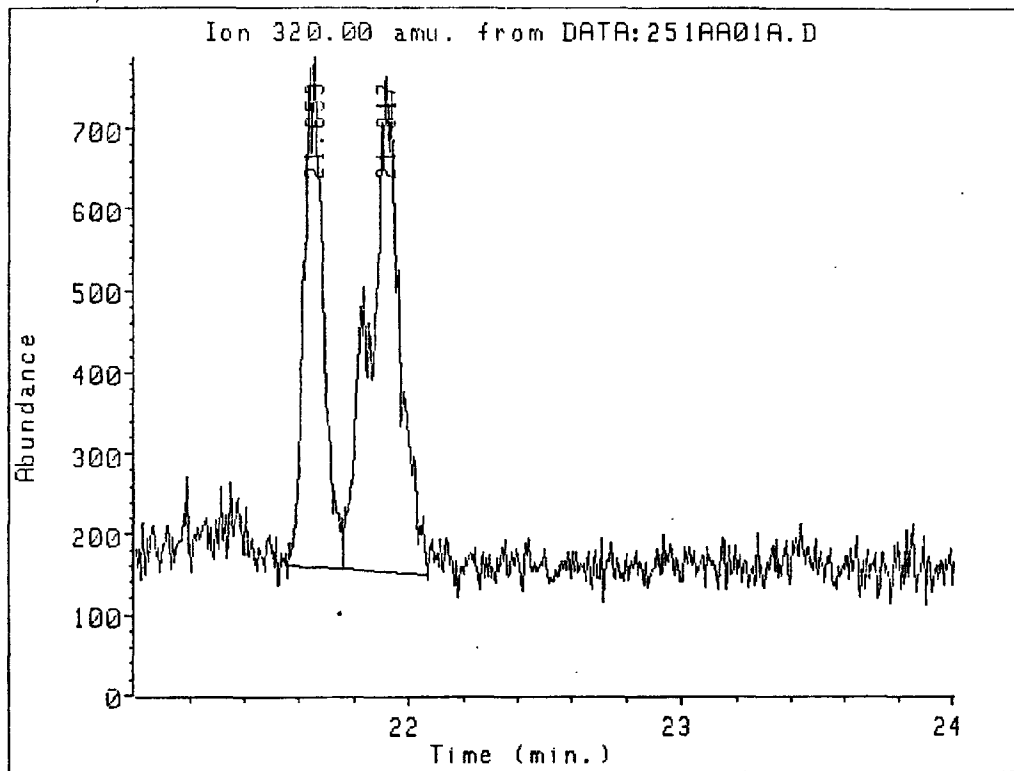
No peaks detected

03223305

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 7 Sep 88 6:04 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
ALS bottle num : 1
Replicate num : 1



Ion 320.00 amu. from DATA:251AA01A.D
COLUMN PERFORMANCE MIX

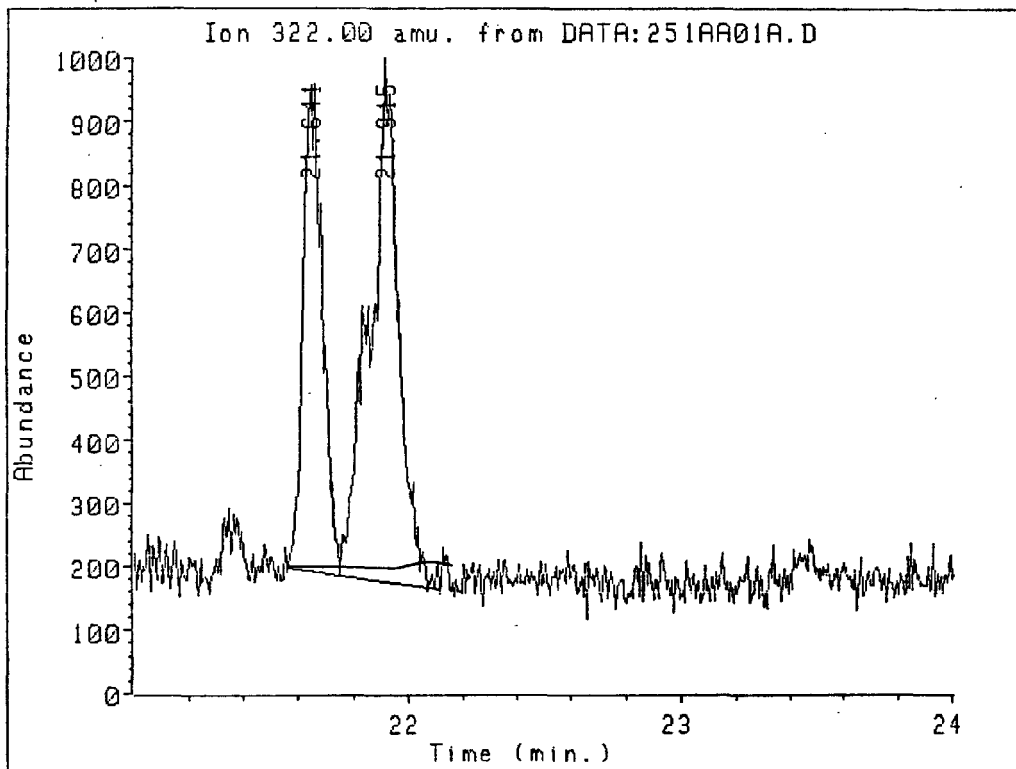
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.653	UV	0.065	31076	21.552	21.762
2	21.917	UV	0.102	47305	21.762	22.066

4 1969

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 7 Sep 88 6:04 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 1
Replicate num : 1



Ion 322.00 amu. from DATA:251AA01A.D
COLUMN PERFORMANCE MIX

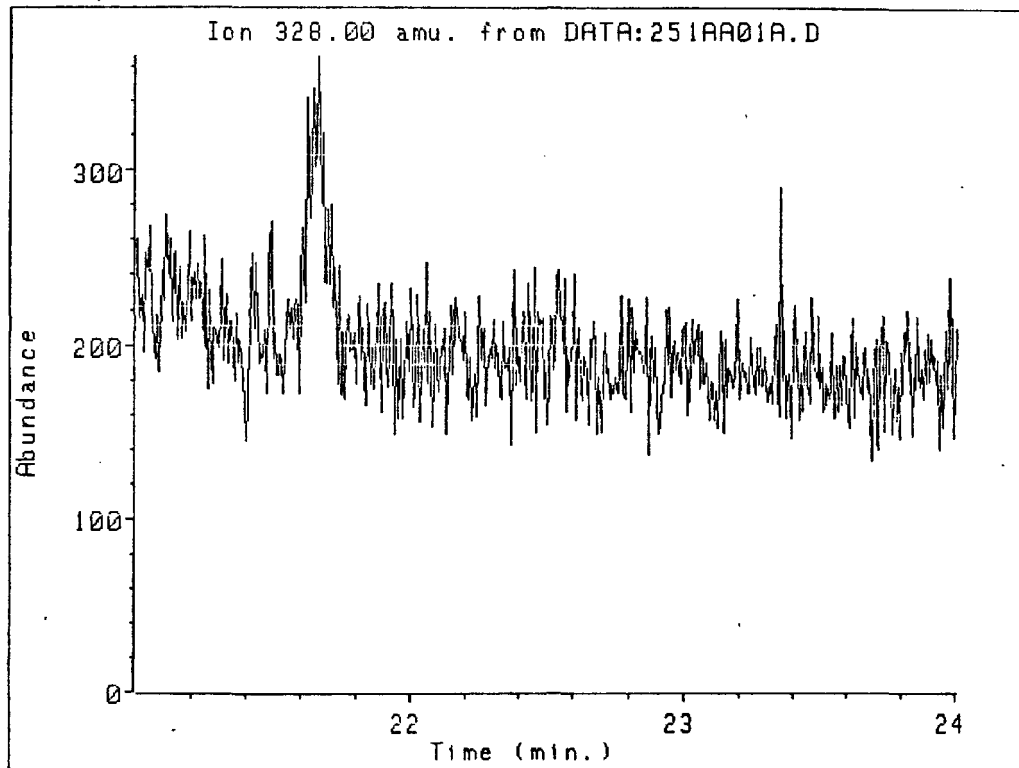
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.641	BU	0.073	37838	21.558	21.750
2	21.915	UB	0.107	60507	21.750	22.117

03233907

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 7 Sep 88 6:04 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 1
Replicate num : 1



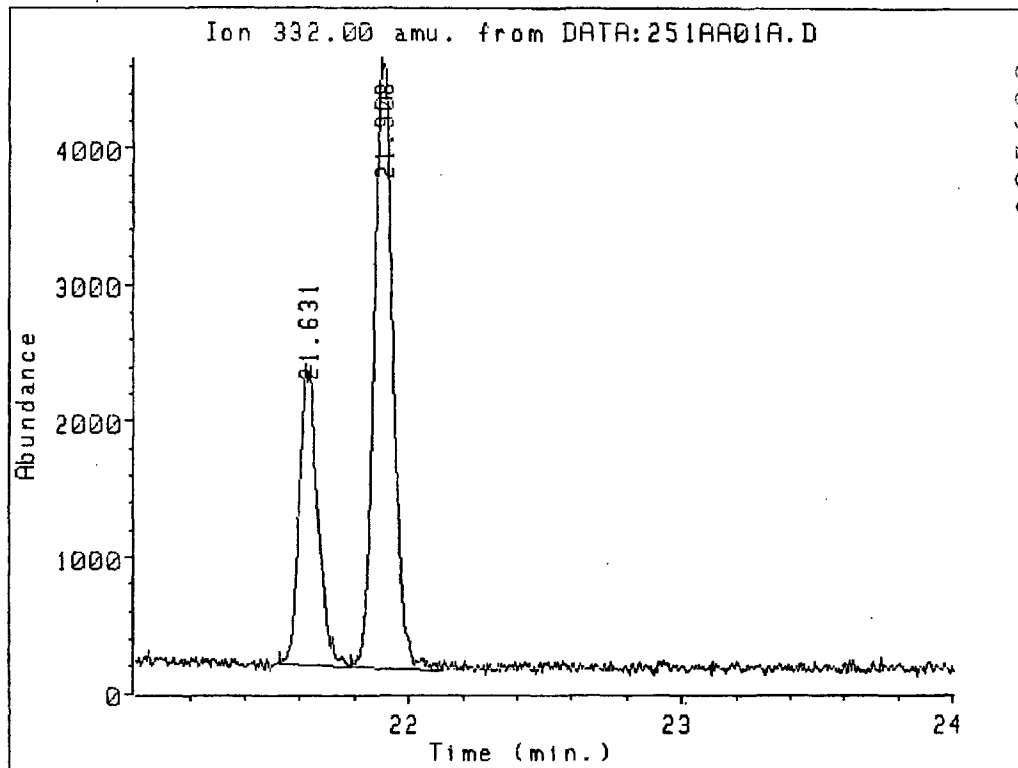
Ion 328.00 amu. from DATA:251AA01A.D
COLUMN PERFORMANCE MIX

No peaks detected

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 7 Sep 88 6:04 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 1
Replicate num : 1



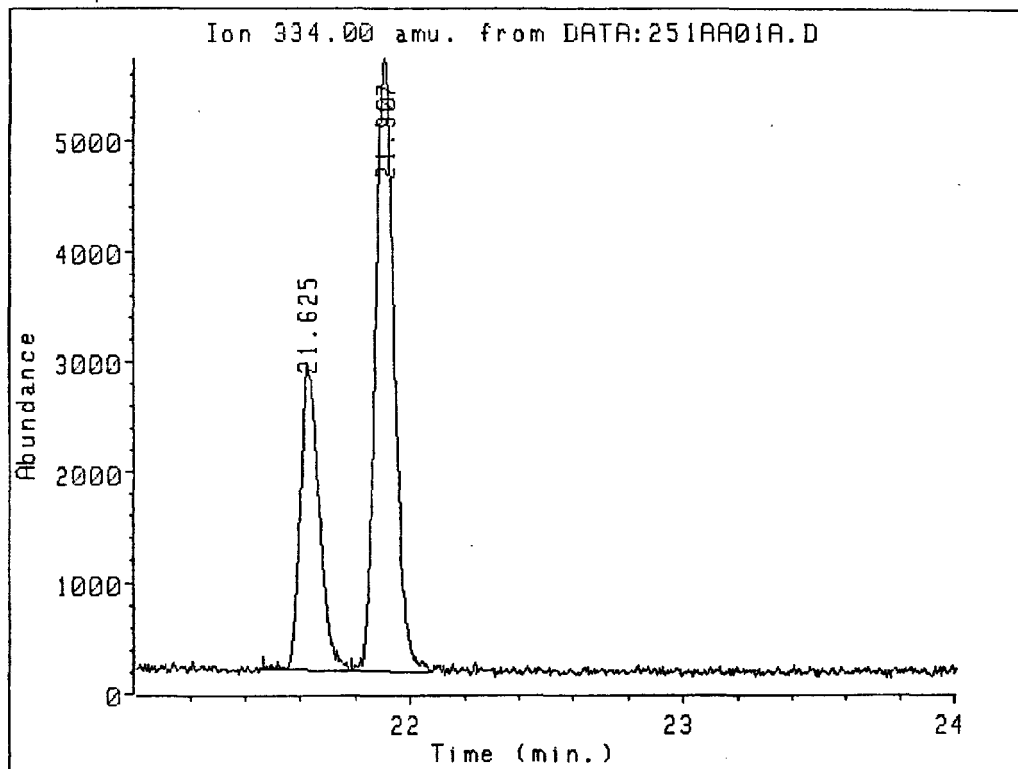
Ion 332.00 amu. from DATA:251AA01A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.631	BU	0.064	104520	21.525	21.786
2	21.908	UB	0.076	220389	21.786	22.126

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 7 Sep 88 6:04 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
ALS bottle num : 1
Replicate num : 1



Ion 334.00 amu. from DATA:251AA01A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.625	BU	0.072	133187	21.464	21.781
2	21.907	UU	0.075	269127	21.781	22.069

Name Info: COLUMN PERFORMANCE MIX

Misc Info:

Operator : TMS

4 1973

Date : 13 Sep 88 10:19 am

Instrument: MS_5970

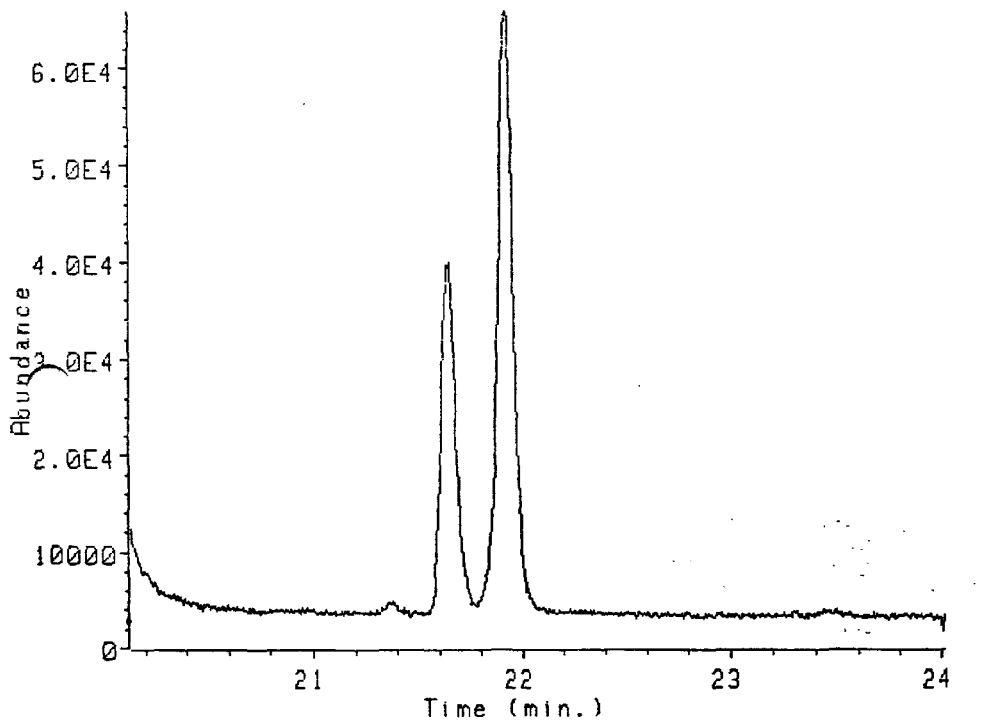
Inlet : GC

Sequence index : 1

Als bottle num : 1

Replicate num : 1

TIC of DATA:257AA01A.D



023700

03223911

Data file: DATA:257AA01A.D
File type: GC / MS DATA FILE

4 1974

Name Info: COLUMN PERFORMANCE MIX

Misc Info:

Operator : TMS

Date : 13 Sep 88 10:19 am

Instrument: MS_5970

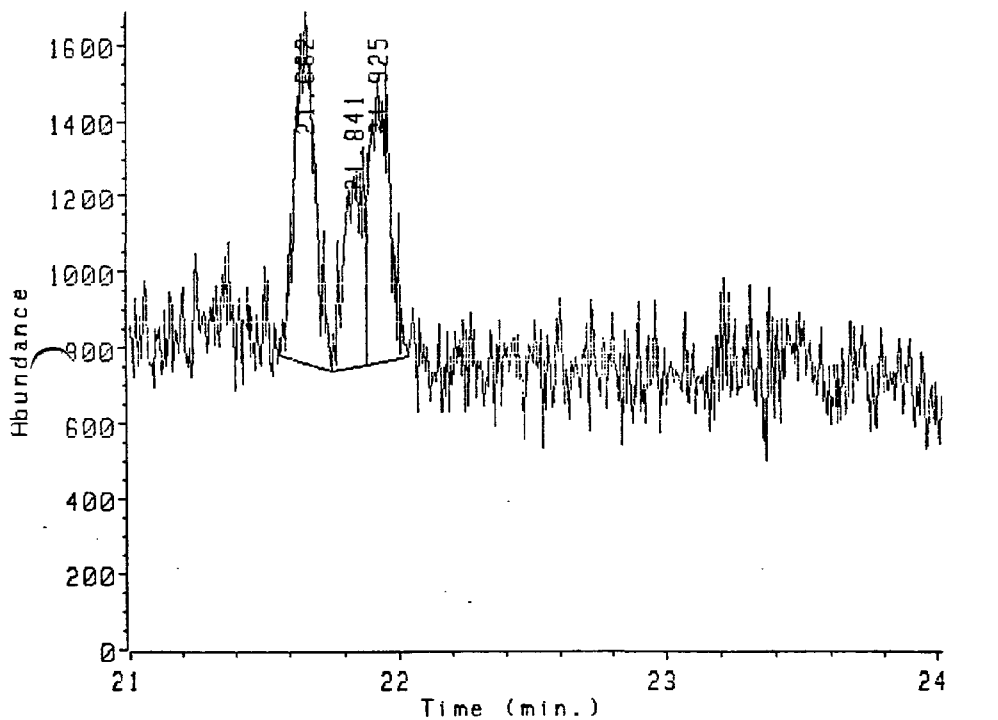
Inlet : GC

Sequence index : 1

Als bottle num : 1

Replicate num : 1

Ion 259.00 amu. from DATA:257AA01A.D



Ion 259.00 amu. from DATA:257AA01A.D

COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.662	BV	0.066	45497	21.560	21.754
2	21.841	PV	0.074	25162	21.754	21.984
3	21.925	UU	0.069	37290	21.884	22.033

023701

03223912

Name Info: COLUMN PERFORMANCE MIX

Misc Info:

Operator : TMS

Date : 13 Sep 88 10:19 am

Instrument: MS_5970

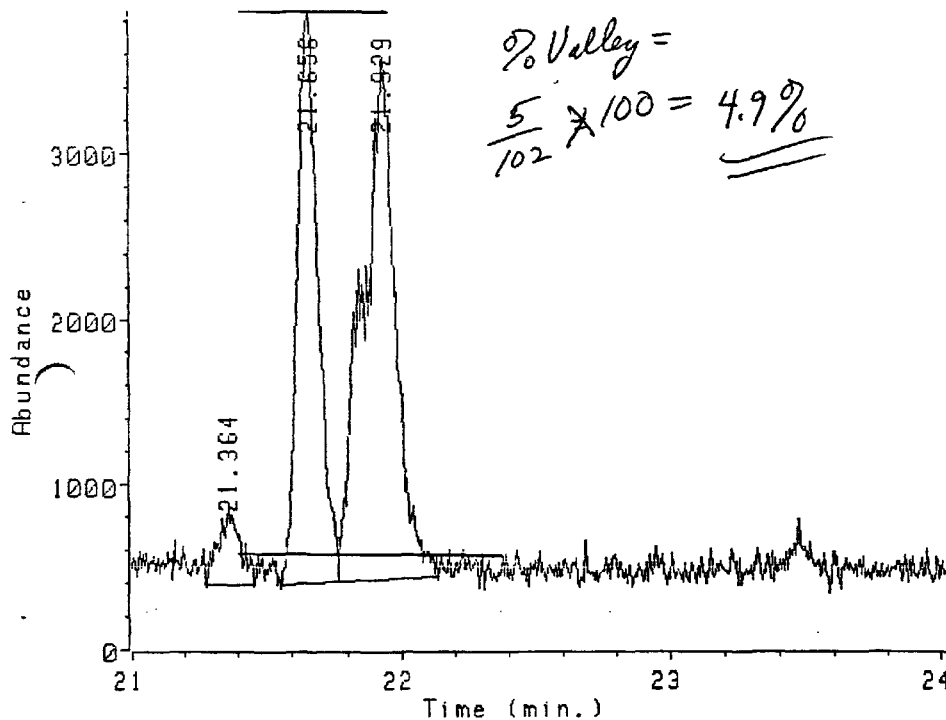
Inlet : GC

Sequence index : 1

Als bottle num : 1

Replicate num : 1

Ion 320.00 amu. from DATA:257AA01A.D



Ion 320.00 amu. from DATA:257AA01A.D

COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.364	BV	0.077	26254	21.278	21.462
2	21.656	PV	0.074	180071	21.560	21.768
3	21.929	VV	0.110	263837	21.768	22.156

023702

03223913

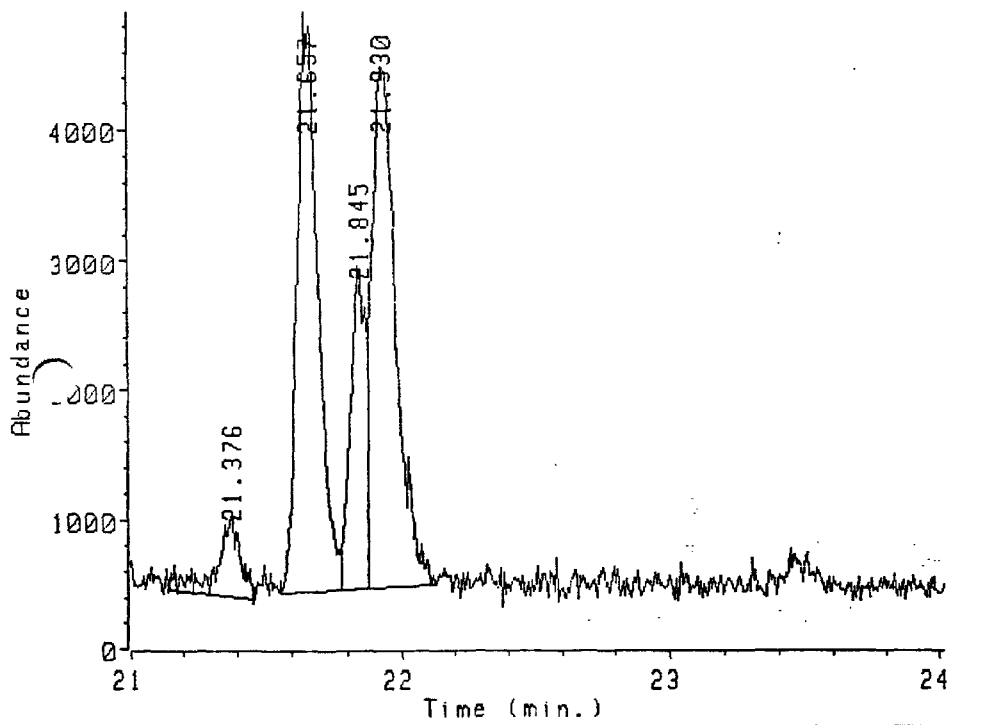
4 1976

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 13 Sep 88 10:19 am
Instrument: MS_5970
Inlet : GC

Sequence index : 1
ALS bottle num : 1
Replicate num : 1

Ion 322.00 amu. from DATA:257AA01A.D



023703

Ion 322.00 amu. from DATA:257AA01A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.376	UU	0.086	40883	21.146	21.462
2	21.657	BU	0.077	233337	21.557	21.780
3	21.845	UU	0.056	96150	21.780	21.878
	21.930	UU	0.083	242354	21.878	22.123

03223814

Name Info: COLUMN PERFORMANCE MIX

Misc Info:

Operator: TMS

Date: 13 Sep 88 10:19 am

Instrument: MS_5970

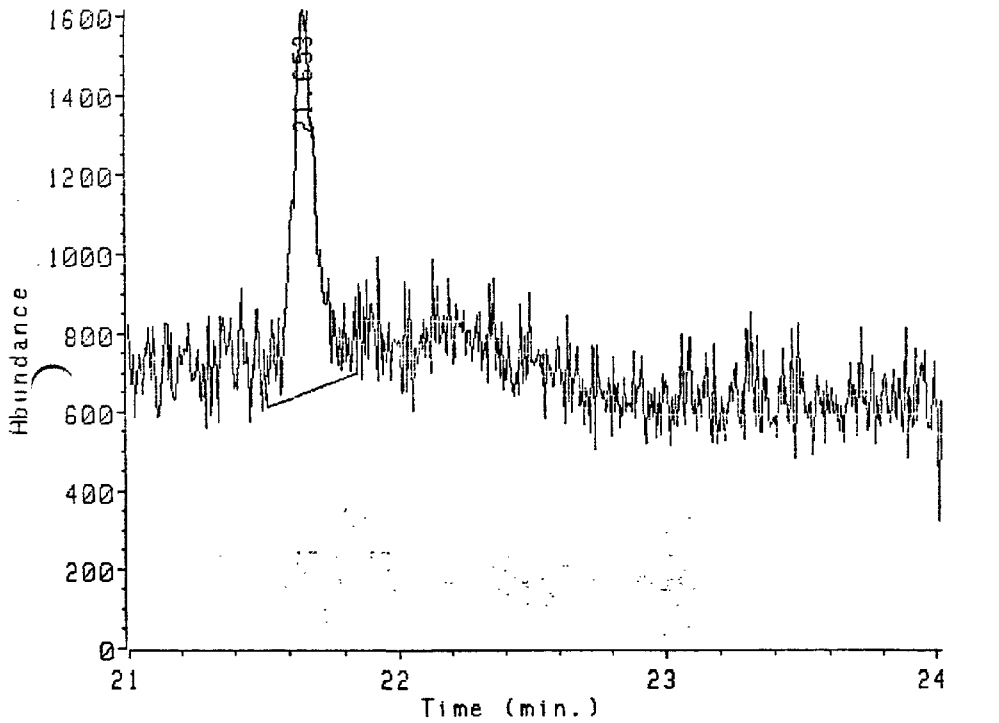
Inlet: GC

Sequence index: 1

Als bottle num: 1

Replicate num: 1

Ion 328.00 amu. from DATA:257AA01A.D

Ion 328.00 amu. from DATA:257AA01A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.653	BU	0.085	63017	21.520	21.851

023704

03227915

Name Info: COLUMN PERFORMANCE MIX

Misc Info:

Operator : TMS

Date : 13 Sep 88 10:19 am

Instrument: MS_5970

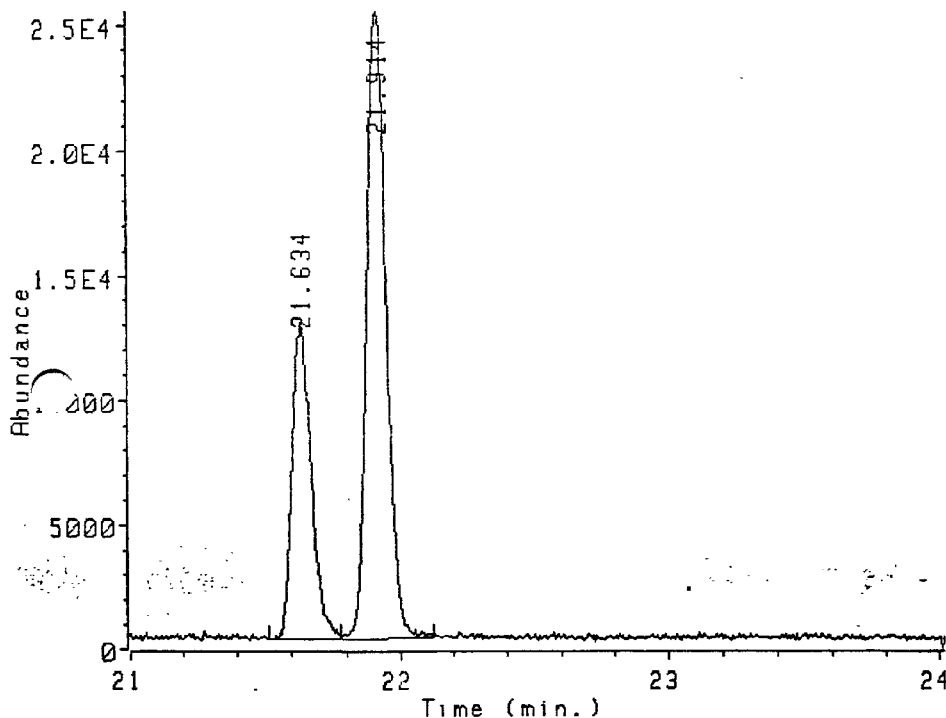
Inlet : GC

Sequence index : 1

Als bottle num : 1

Replicate num : 1

Ion 332.00 amu. from DATA:257AA01A.D



Ion 332.00 amu. from DATA:257AA01A.D

COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.634	PV	0.072	599147	21.517	21.780
2	21.914	UV	0.075	1219923	21.780	22.123

023705

Data file: DATA:257AA01A.D
File type: GC / MS DATA FILE

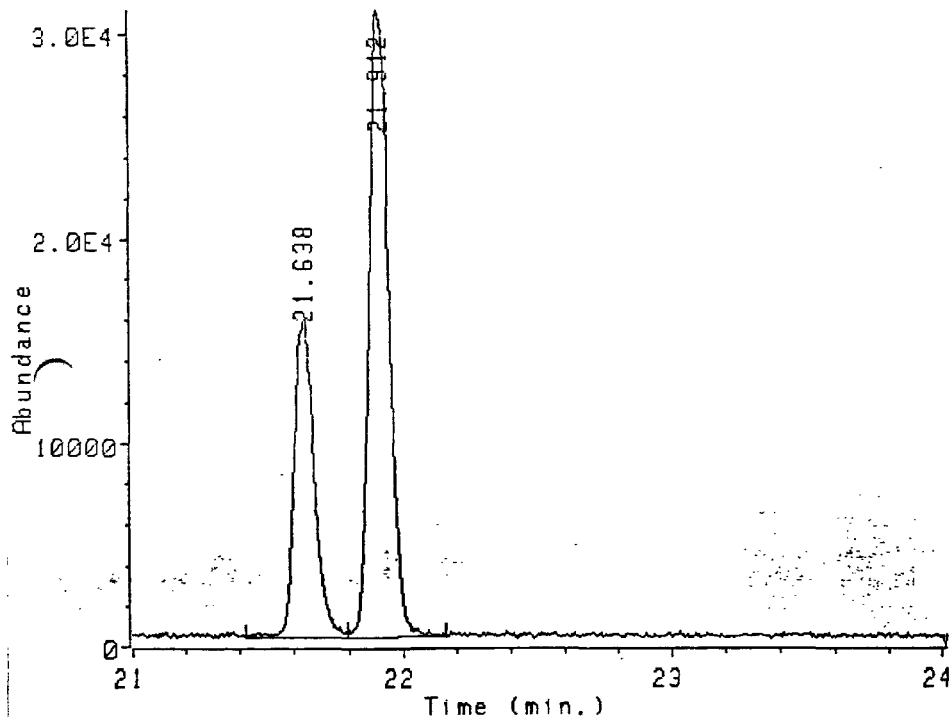
4.1979

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 13 Sep 88 10:19 am
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 1
Replicate num : 1

Ion 334.00 amu. from DATA:257AA01A.D



Ion 334.00 amu. from DATA:257AA01A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.638	BU	0.074	777223	21.425	21.796
2	21.912	UU	0.075	1515446	21.796	22.160

023706

03223917

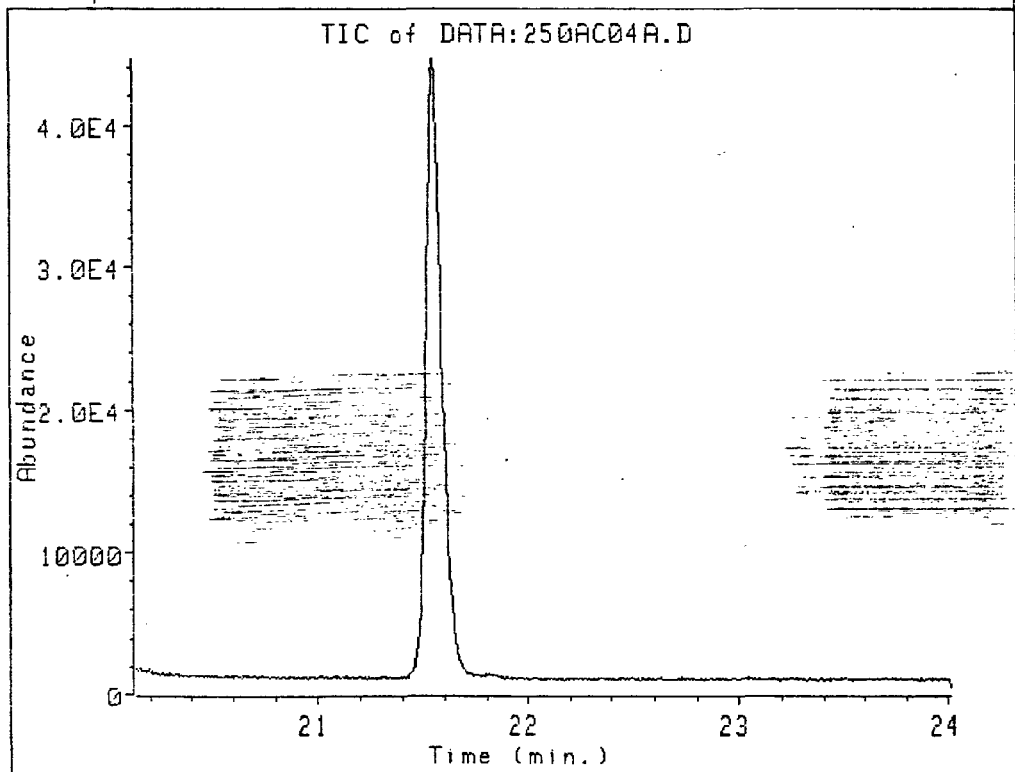
4 1980

Data file: DATA:250AC04A.D
File type: GC / MS DATA FILE

Name Info: HERC 2016
Misc Info:
Operator : TMS

Date : 6 Sep 88 7:18 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 4
Replicate num : 1



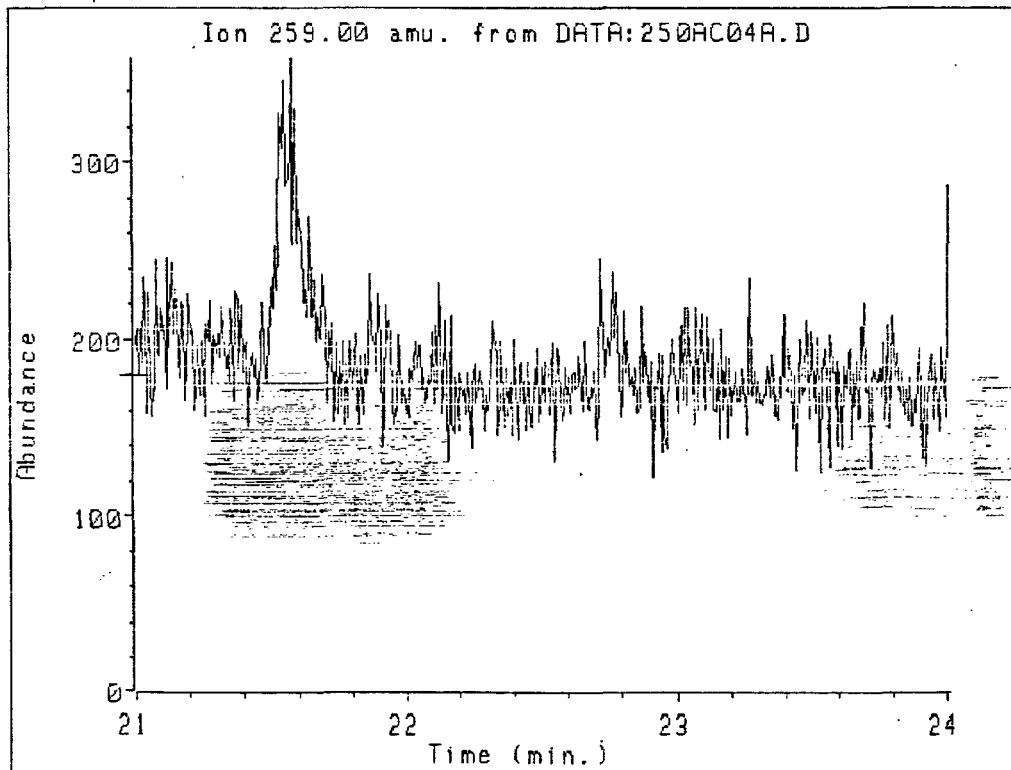
03223918

Data file: DATA:250AC04A.D
File type: GC / MS DATA FILE

Name Info: HERC 2016
Misc Info:
Operator : TMS

Date : 6 Sep 88 7:18 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 4
Replicate num : 1



Ion 259.00 amu. from DATA:250AC04A.D
HERC 2016

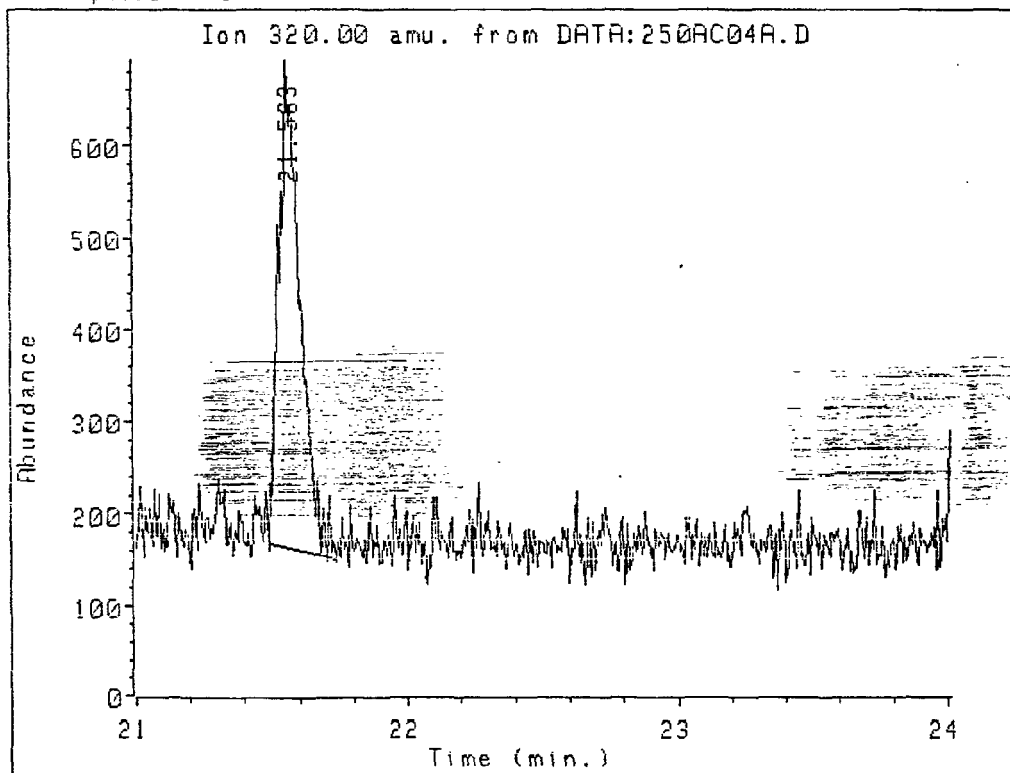
No peaks detected

Data file: DATA:250AC04A.D
File type: GC / MS DATA FILE

Name Info: HERC 2016
Misc Info:
Operator : TMS

Date : 6 Sep 88 7:18 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 4
Replicate num : 1



Ion 320.00 amu. from DATA:250AC04A.D
HERC 2016

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.563	BB	0.080	27868	21.489	21.737

03223920

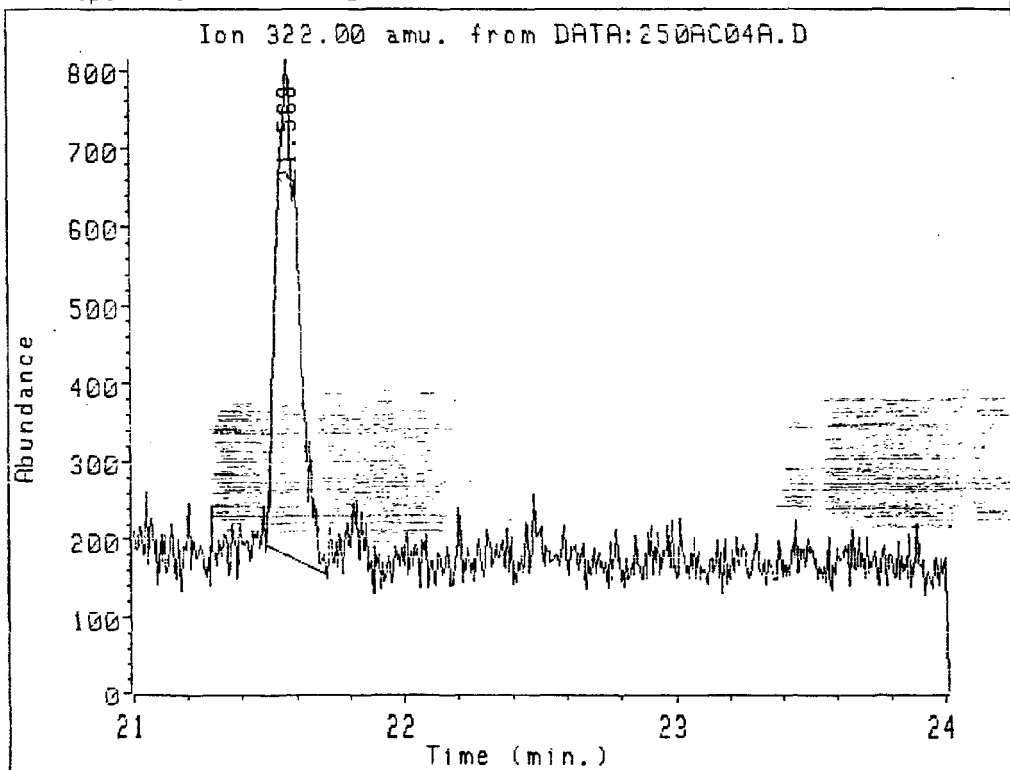
4 1983

Data file: DATA:250AC04A.D
File type: GC / MS DATA FILE

Name Info: HERC 2016
Misc Info:
Operator : TMS

Date : 6 Sep 88 7:18 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 4
Replicate num : 1



Ion 322.00 amu. from DATA:250AC04A.D
HERC 2016

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.568	BB	0.076	35129	21.483	21.713

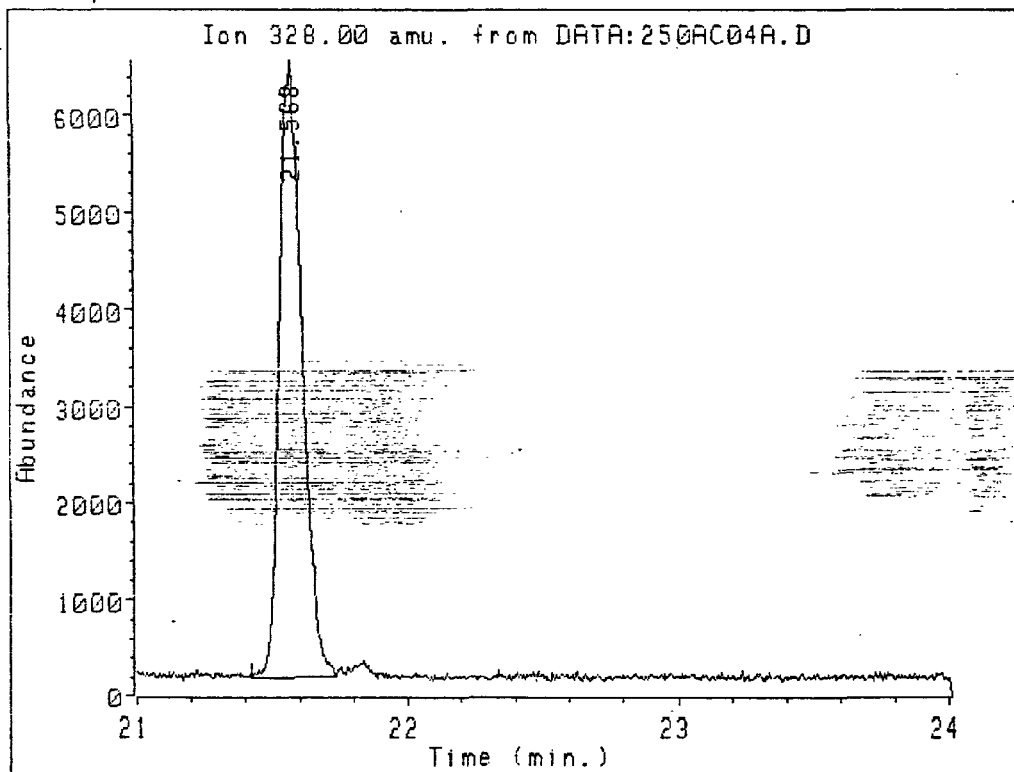
03223921

Data file: DATA:250AC04A.D
File type: GC / MS DATA FILE

Name Info: HERC 2016
Misc Info:
Operator : TMS

Date : 6 Sep 88 7:18 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 4
Replicate num : 1



Ion 328.00 amu. from DATA:250AC04A.D
HERC 2016

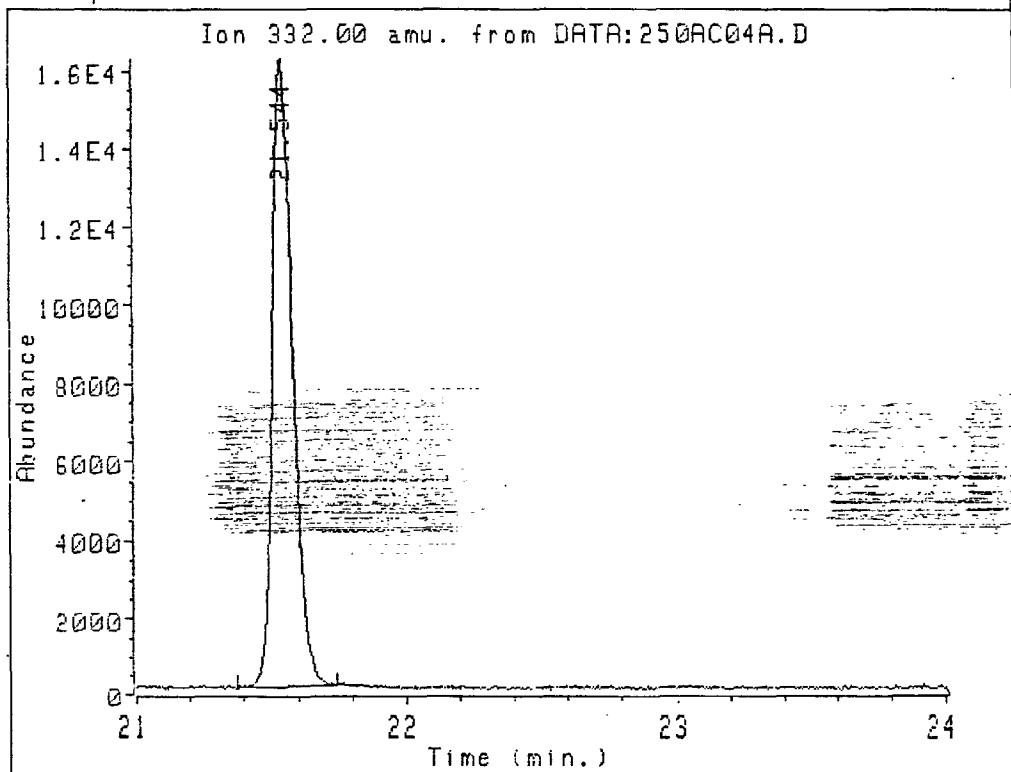
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.568	BV	0.084	361542	21.419	21.736

Data file: DATA:250AC04A.D
File type: GC / MS DATA FILE

Name Info: HERC 2016
Misc Info:
Operator : TMS

Date : 6 Sep 88 7:18 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 4
Replicate num : 1



Ion 332.00 amu. from DATA:250AC04A.D
HERC 2016

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.544	BU	0.079	827625	21.373	21.744

03223923

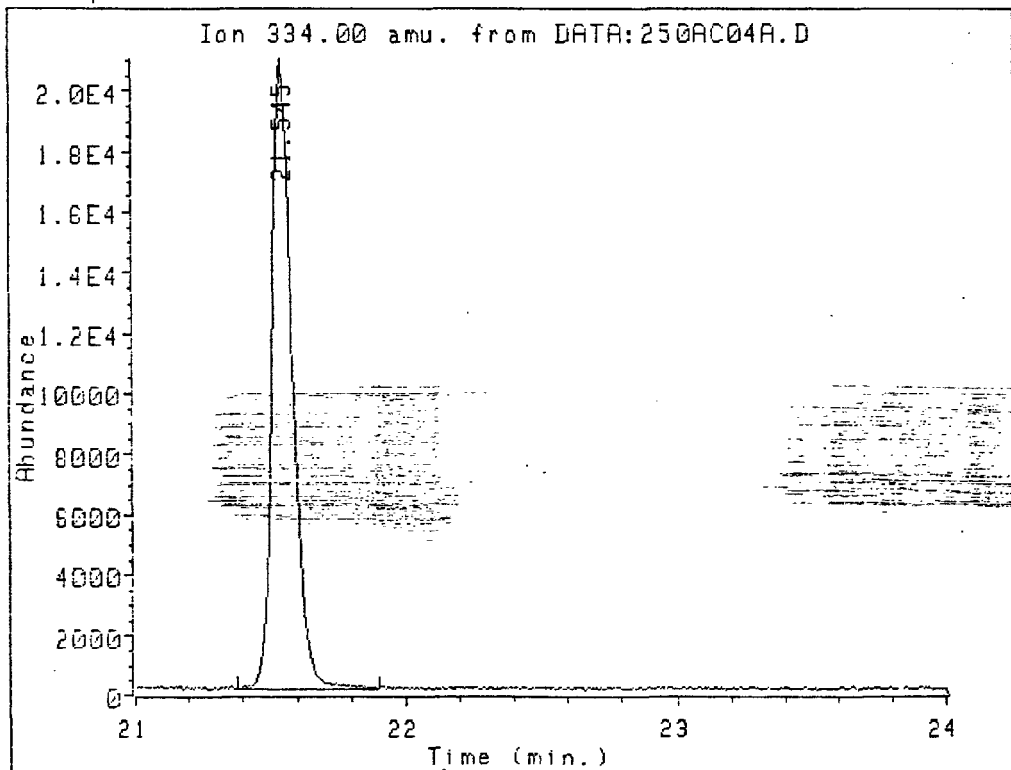
4 1986

Data file: DATA:250AC04A.D
File type: GC / MS DATA FILE

Name Info: HERC 2016
Misc Info:
Operator : TMS

Date : 6 Sep 88 7:18 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 4
Replicate num : 1



023713

Ion 334.00 amu. from DATA:250AC04A.D
HERC 2016

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.545	BV	0.079	1070479	21.379	21.897

03223924

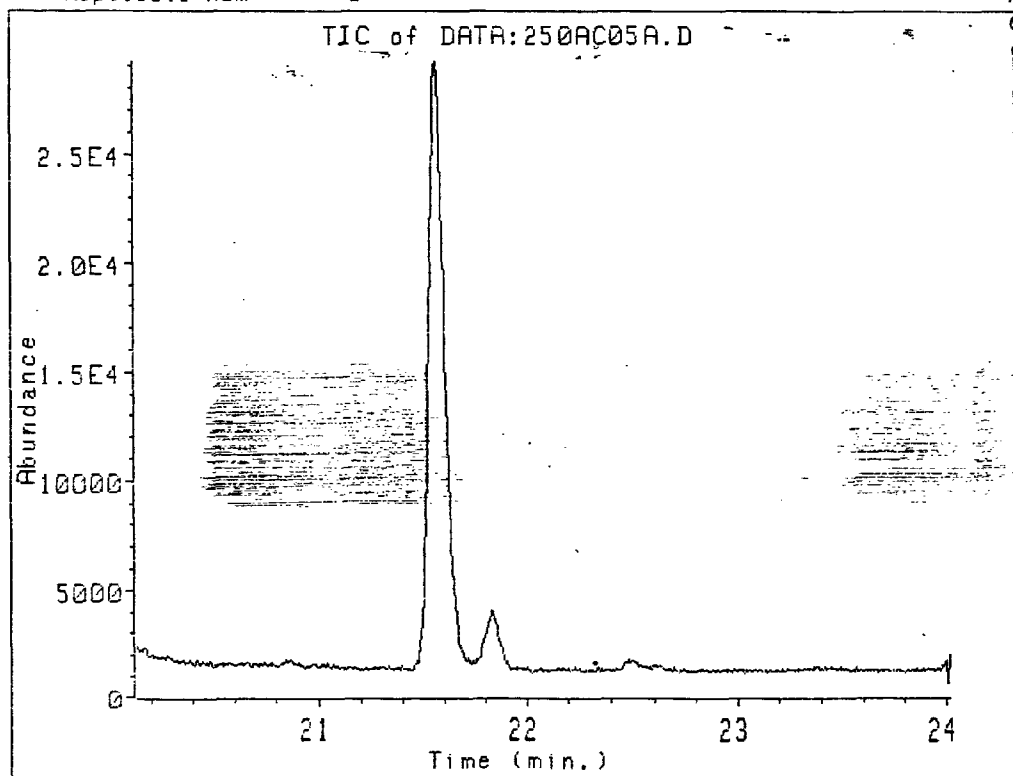
4 1987

Data file: DATA:250AC05A.D
File type: GC / MS DATA FILE

Name Info: HERC 2019
Misc Info:
Operator : TMS

Date : 6 Sep 88 7:50 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
ALS bottle num : 5
Replicate num : 1



023714

03223925

Data file: DATA:250AC05A.D
File type: GC / MS DATA FILE

Name Info: HERC 2019

Misc Info:

Operator : TMS

Date : 6 Sep 88 7:50 pm

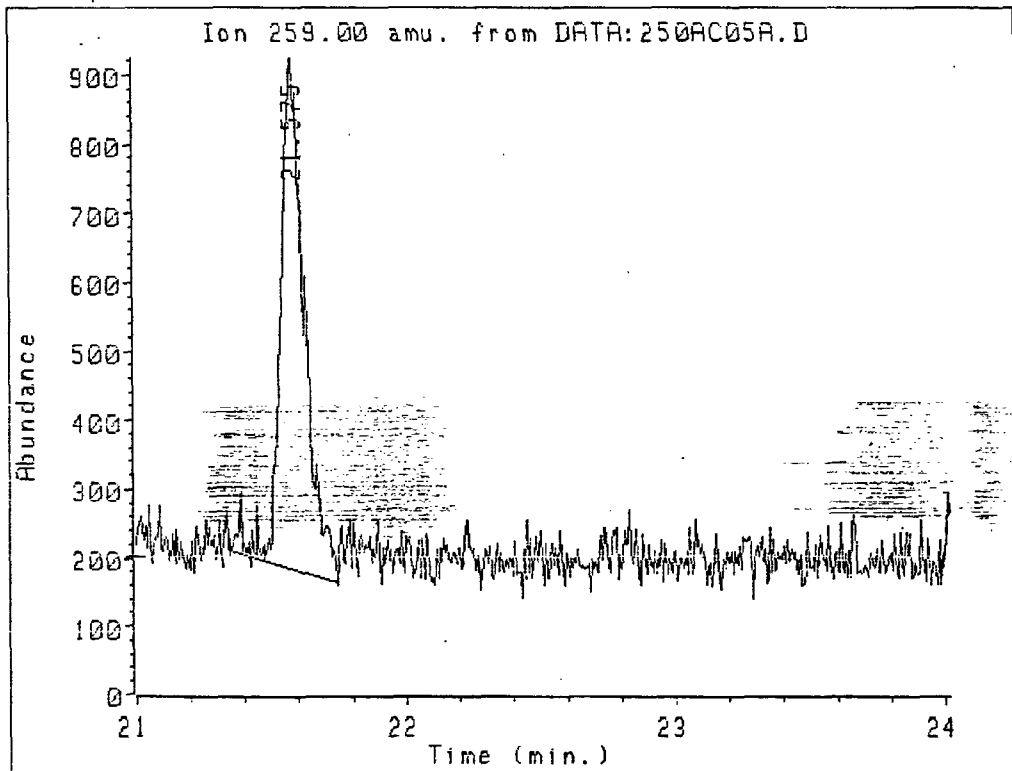
Instrument: MS_5970

Inlet : GC

Sequence index : 3

Als bottle num : 5

Replicate num : 1



Ion 259.00 amu. from DATA:250AC05A.D
HERC 2019

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.575	BV	0.088	46323	21.348	21.743

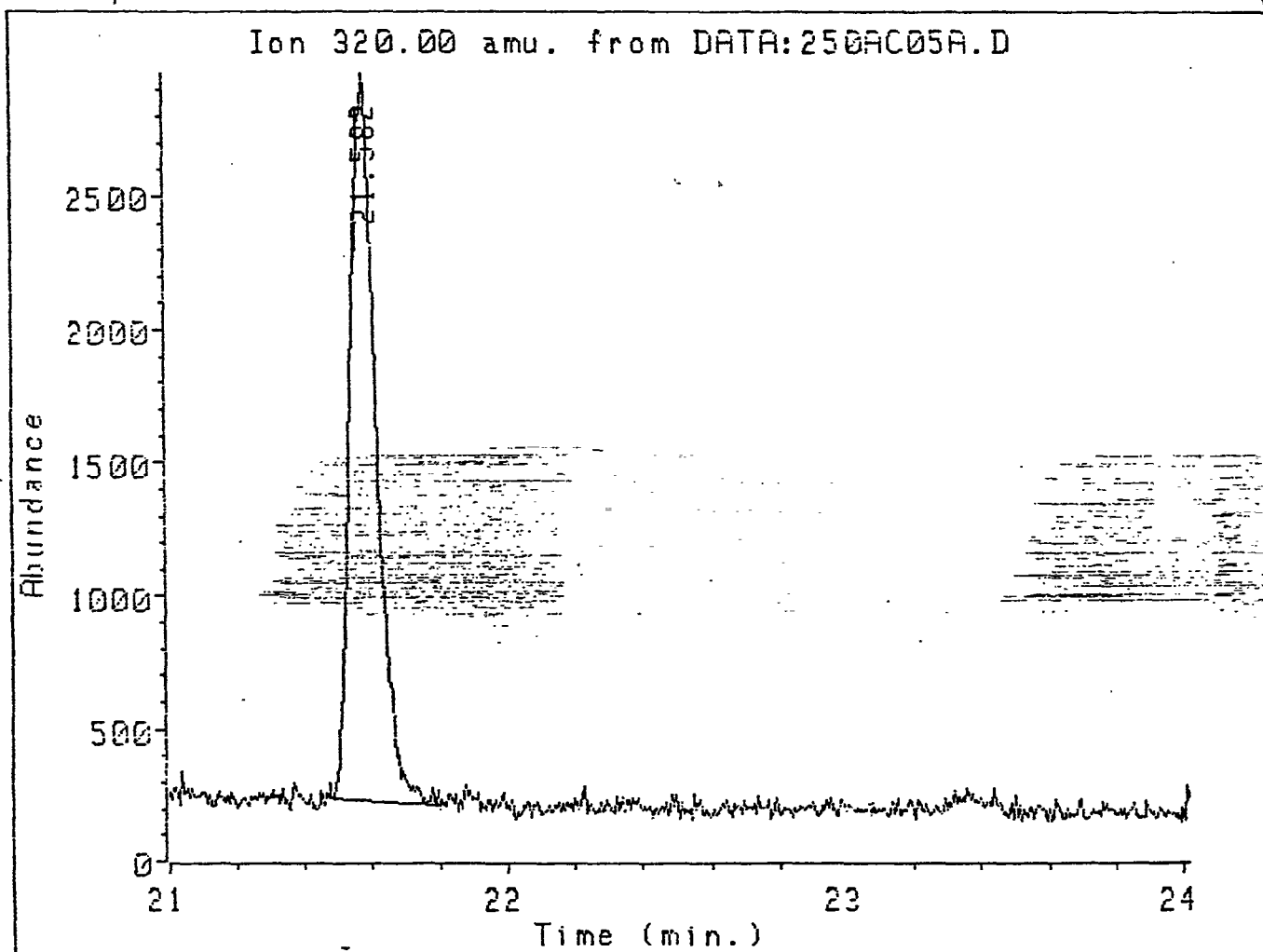
4 1989

Data file: DATA:250AC05A.D
File type: GC / MS DATA FILE

Name Info: HERC 2019
Misc Info:
Operator : TMS

Date : 6 Sep 88 7:50 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 5
Replicate num : 1



Ion 320.00 amu. from DATA:250AC05A.D
HERC 2019

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.582	BB	0.075	148946	21.477	21.804

03223927

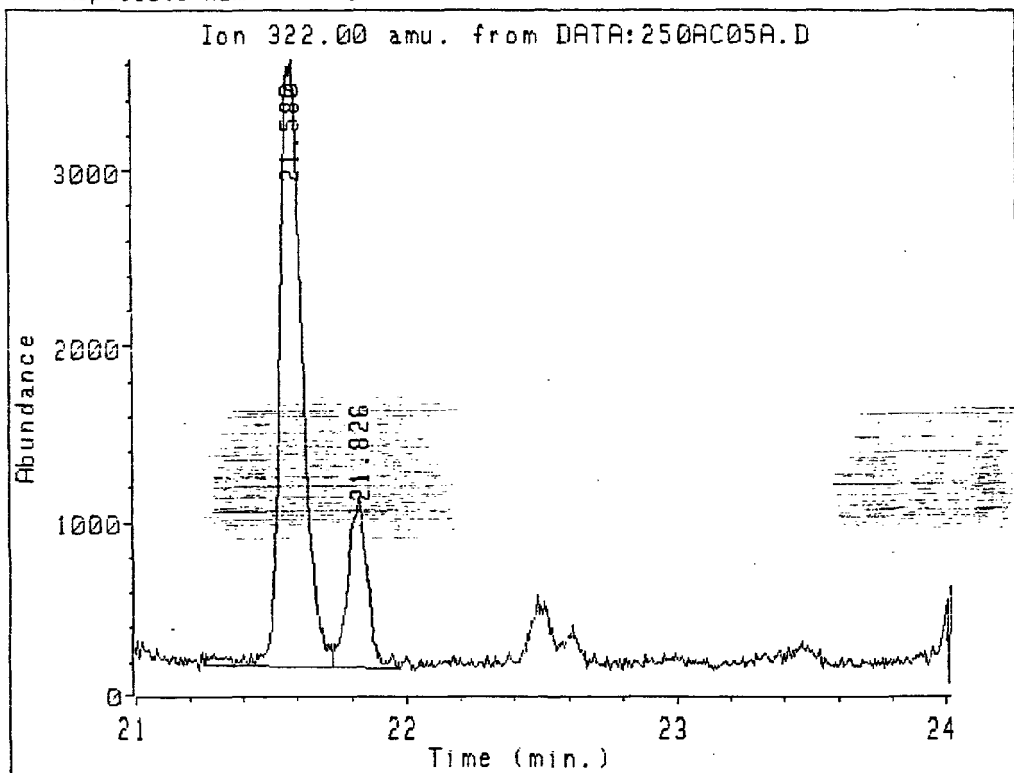
4 1990

Data file: DATA:250AC05A.D
File type: GC / MS DATA FILE

Name Info: HERC 2019
Misc Info:
Operator : TMS

Date : 6 Sep 88 7:50 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 5
Replicate num : 1



Ion 322.00 amu. from DATA:250AC05A.D
HERC 2019

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.580	BV	0.090	203097	21.259	21.731
2	21.826	VV	0.066	49105	21.731	21.979

03223928

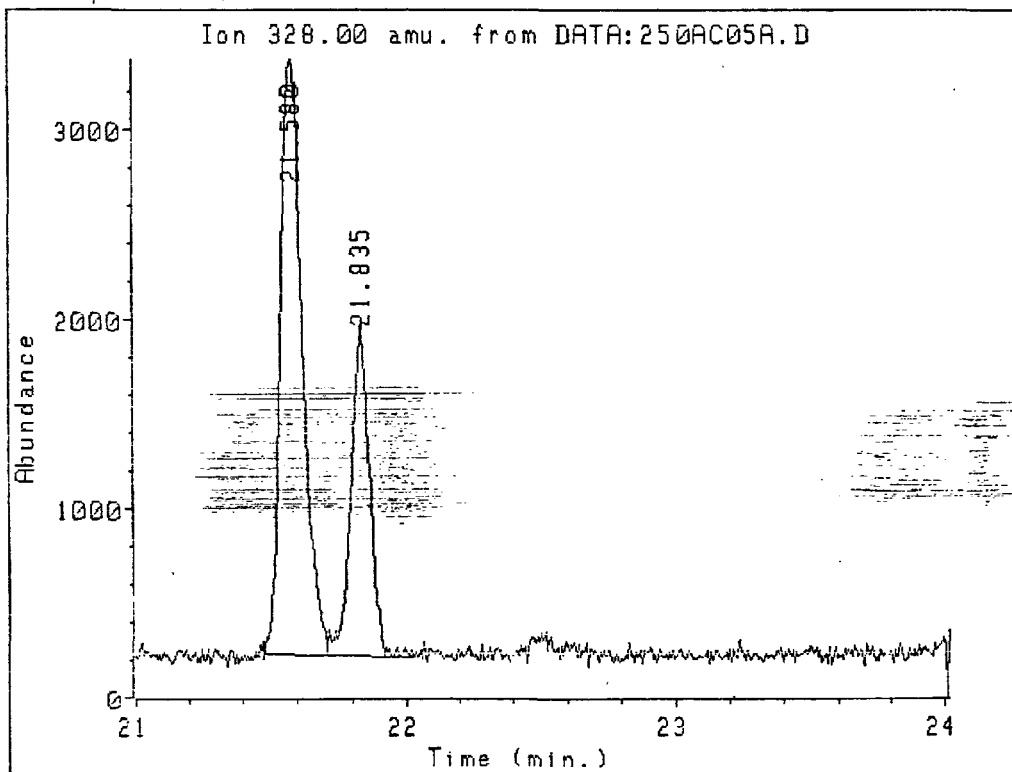
4 1991

Data file: DATA:250AC05A.D
File type: GC / MS DATA FILE

Name Info: HERC 2019
Misc Info:
Operator : TMS

Date : 6 Sep 88 7:50 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 5
Replicate num : 1



Ion 328.00 amu. from DATA:250AC05A.D
HERC 2019

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.580	UB	0.084	177995	21.474	21.709
2	21.835	UB	0.070	82983	21.709	22.028

03223929

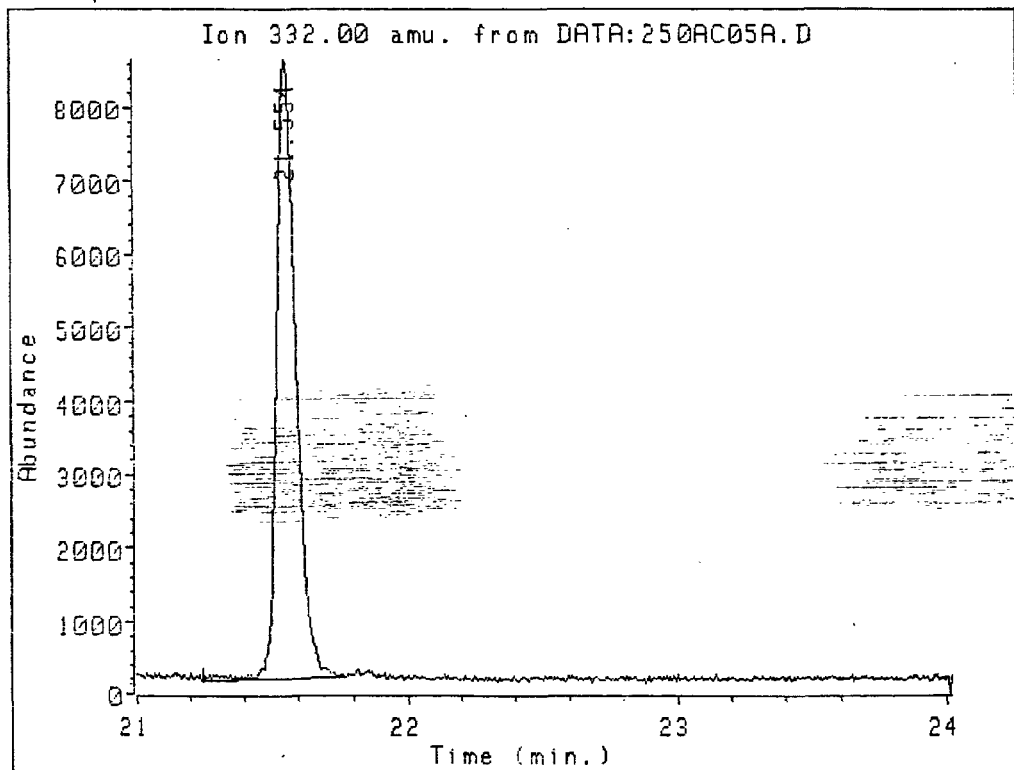
4 1992

Data file: DATA:250AC05A.D
File type: GC / MS DATA FILE

Name Info: HERC 2019
Misc Info:
Operator : TMS

Date : 6 Sep 88 7:50 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 5
Replicate num : 1



Ion 332.00 amu. from DATA:250AC05A.D
HERC 2019

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.554	BU	0.076	425423	21.247	21.774

03223930

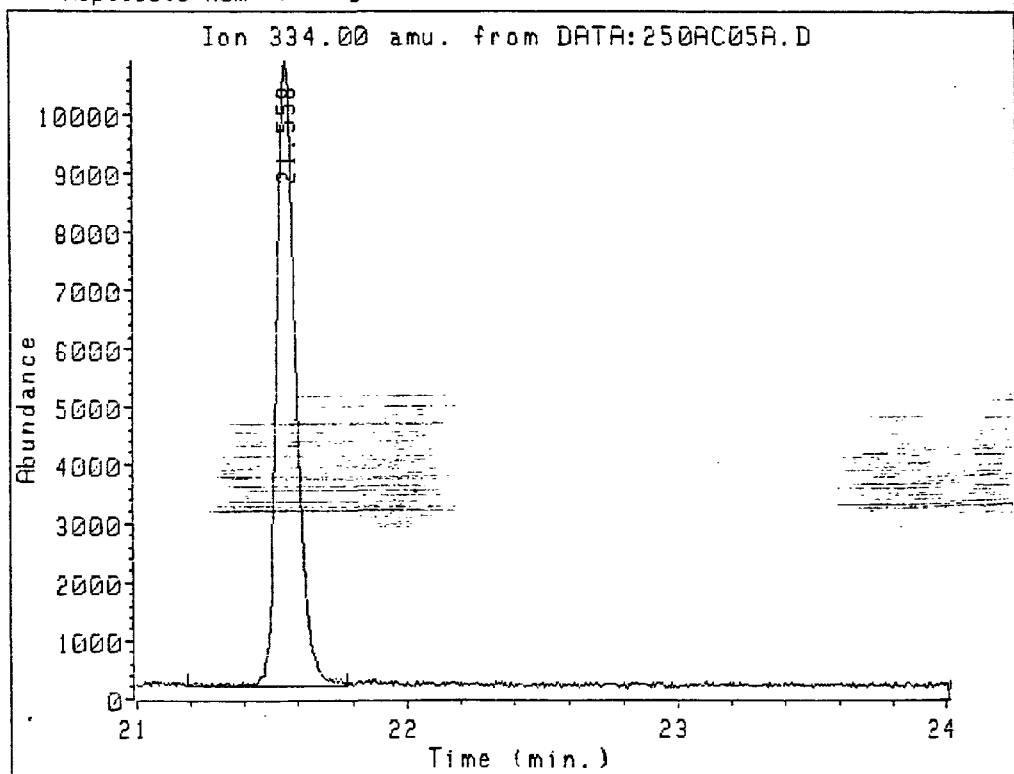
4 1993

Data file: DATA:250AC05A.D
File type: GC / MS DATA FILE

Name Info: HERC 2019
Misc Info:
Operator : TMS

Date : 6 Sep 88 7:50 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 5
Replicate num : 1



Ion 334.00 amu. from DATA:250AC05A.D
HERC 2019

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.558	BU	0.075	541045	21.185	21.780

03223931

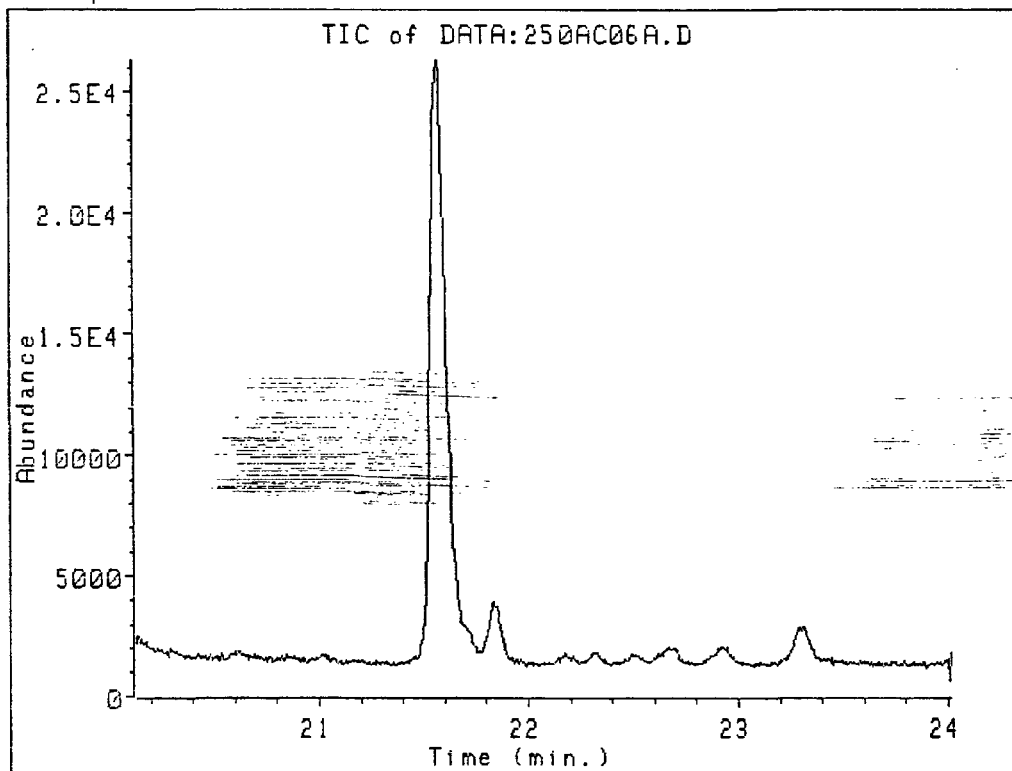
76
4 1994

Data file: DATA:250AC06A.D
File type: GC / MS DATA FILE

Name Info: HERC 2021
Misc Info:
Operator : TMS

Date : 6 Sep 88 8:23 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 6
Replicate num : 1



023721
03223932

4 1995

Data file: DATA:250AC06A.D
File type: GC / MS DATA FILE

Name Info: HERC 2021

Misc Info:

Operator : TMS

Date : 6 Sep 88 8:23 pm

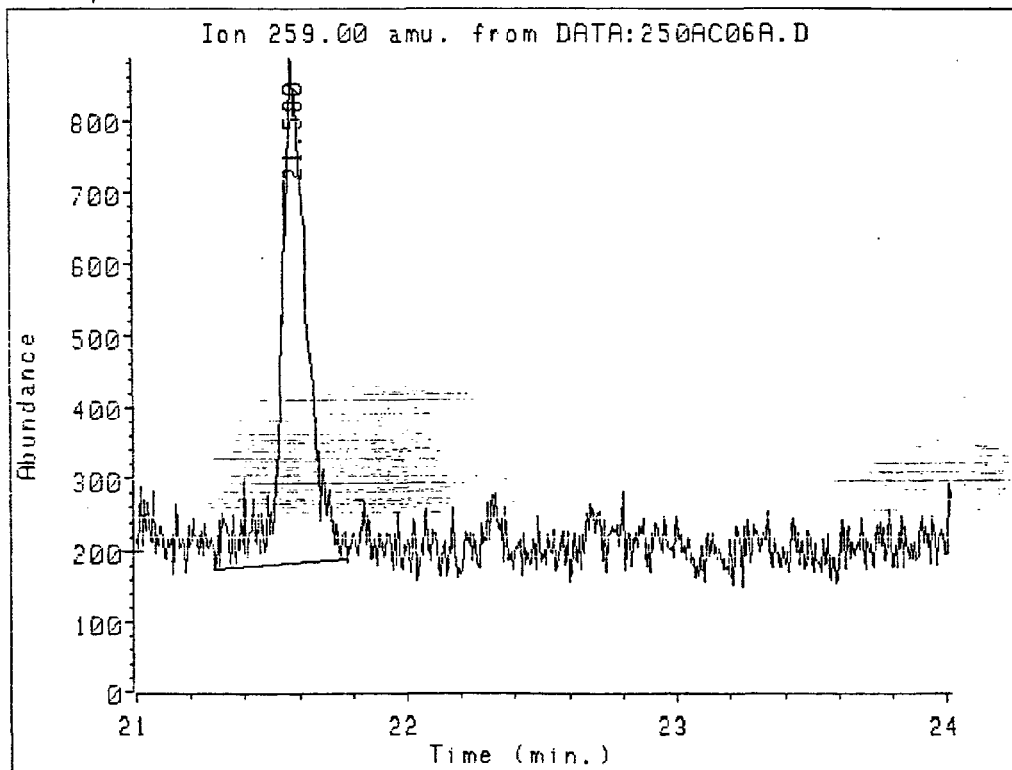
Instrument: MS_5970

Inlet : GC

Sequence index : 3

Als bottle num : 6

Replicate num : 1



Ion 259.00 amu. from DATA:250AC06A.D

HERC 2021

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.580	BB	0.090	47572	21.289	21.779

03223933

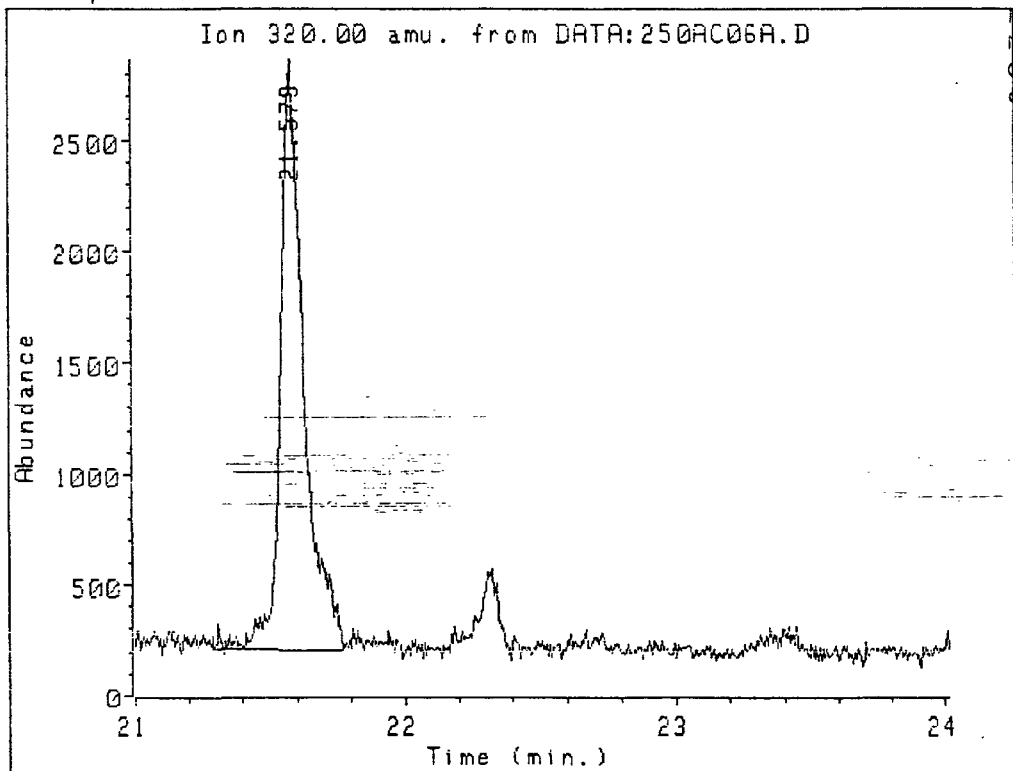
4 1996

Data file: DATA:250AC06A.D
File type: GC / MS DATA FILE

Name Info: HERC 2021
Misc Info:
Operator : TMS

Date : 6 Sep 88 8:23 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 6
Replicate num : 1



Ion 320.00 amu. from DATA:250AC06A.D
HERC 2021

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.579	BB	0.087	159765	21.289	21.773

03223934

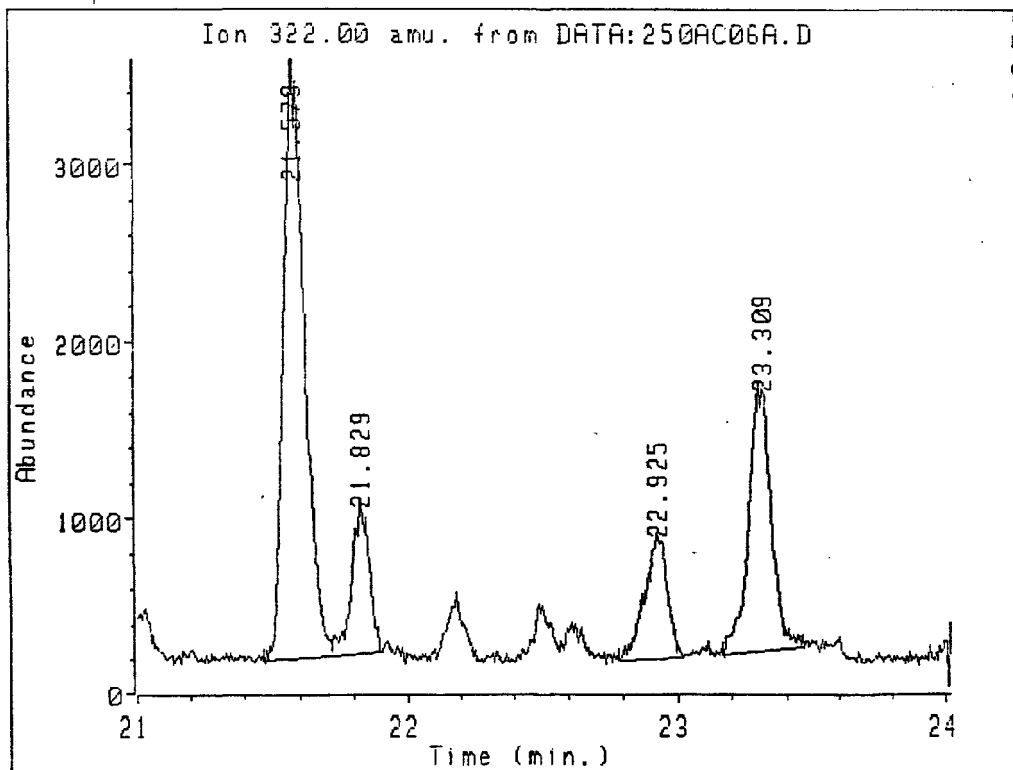
4 1997

Data file: DATA:250AC06A.D
File type: GC / MS DATA FILE

Name Info: HERC 2021
Misc Info:
Operator : TMS

Date : 6 Sep 88 8:23 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 6
Replicate num : 1



Ion 322.00 amu. from DATA:250AC06A.D
HERC 2021

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.579	BU	0.073	178174	21.470	21.718
2	21.829	UU	0.061	39289	21.718	21.908
3	22.925	BB	0.083	40474	22.781	23.014
4	23.309	BB	0.076	86902	23.161	23.467

03223935

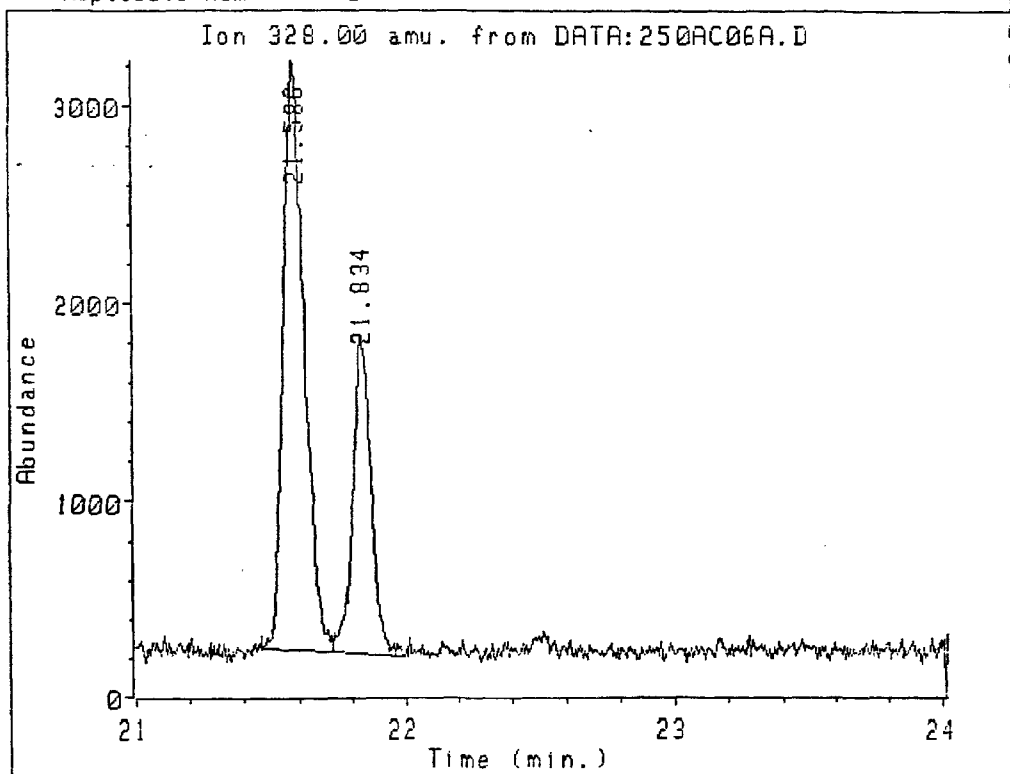
4 1998

Data file: DATA:250AC06A.D
File type: GC / MS DATA FILE

Name, Info: HERC 2021
Misc Info:
Operator : TMS

Date : 6 Sep 88 8:23 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 6
Replicate num : 1



Ion 328.00 amu. from DATA:250AC06A.D
HERC 2021

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.586	UV	0.078	156892	21.461	21.724
2	21.834	UV	0.070	77291	21.724	21.991

03223936

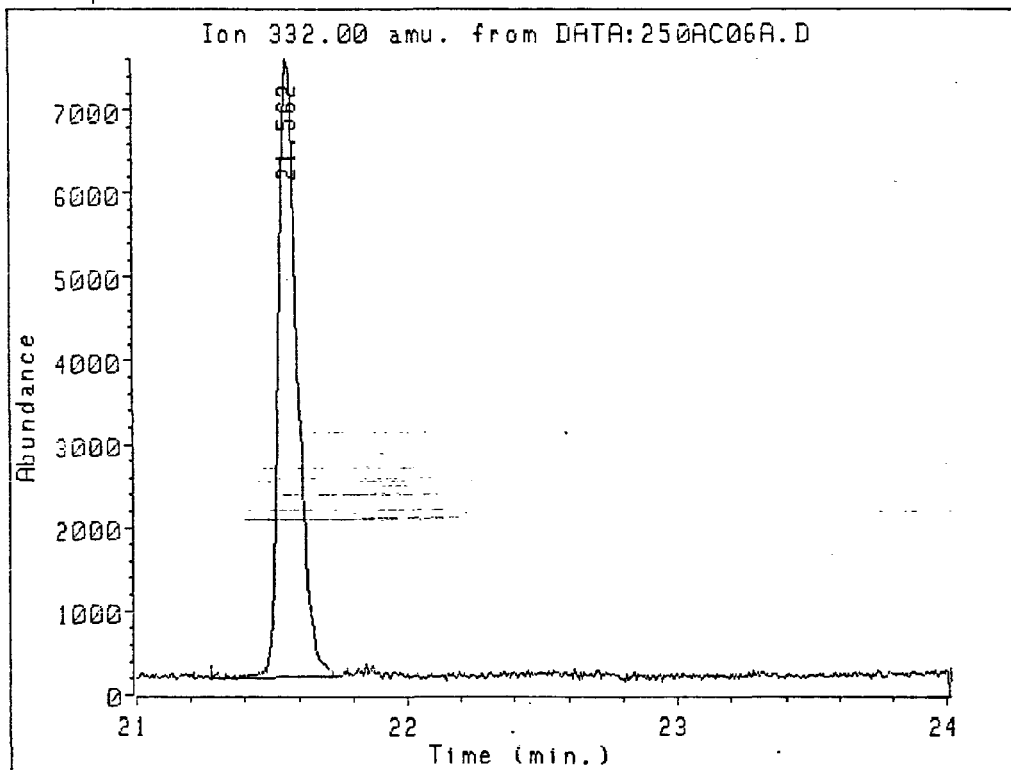
4 1999

Data file: DATA:250AC06A.D
File type: GC / MS DATA FILE

Name Info: HERC 2021
Misc Info:
Operator : TMS

Date : 6 Sep 88 8:23 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 6
Replicate num : 1



Ion 332.00 amu. from DATA:250AC06A.D
HERC 2021

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.562	BU	0.074	365055	21.274	21.743

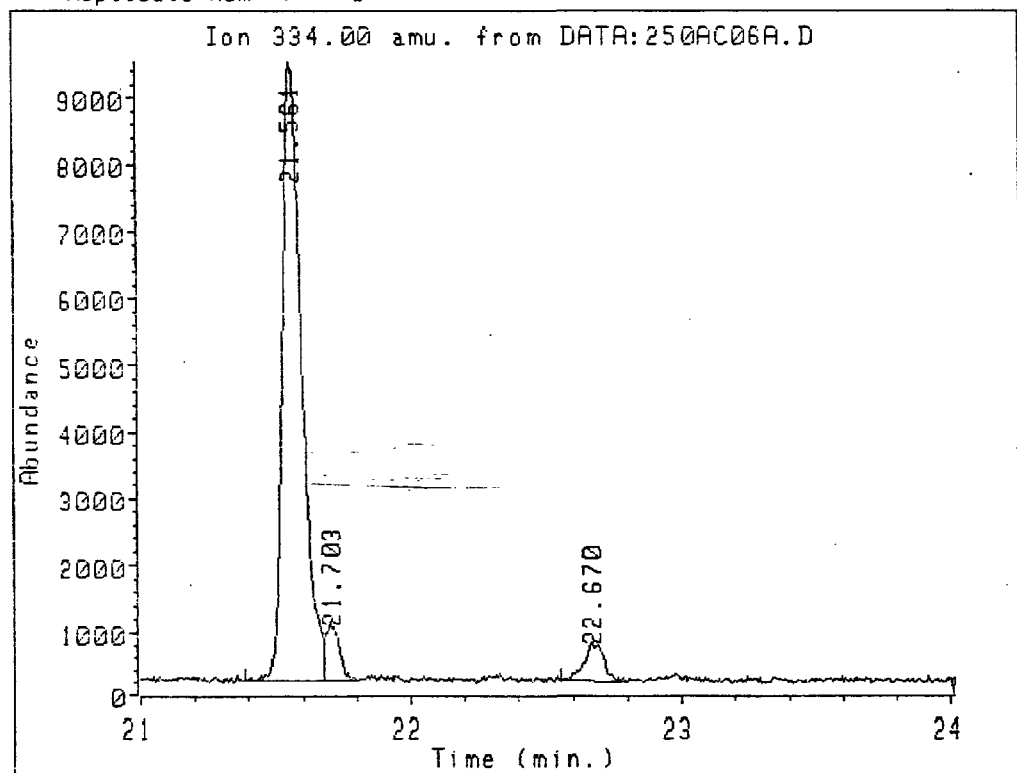
03223937

Data file: DATA:250AC06A.D
File type: GC / MS DATA FILE

Name Info: HERC 2021
Misc Info:
Operator : TMS

Date : 6 Sep 88 8:23 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 6
Replicate num : 1



Ion 334.00 amu. from DATA:250AC06A.D
HERC 2021

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.561	BU	0.077	467855	21.384	21.679
2	21.703	UU	0.054	32242	21.679	21.804
3	22.670	BB	0.079	32234	22.558	22.797

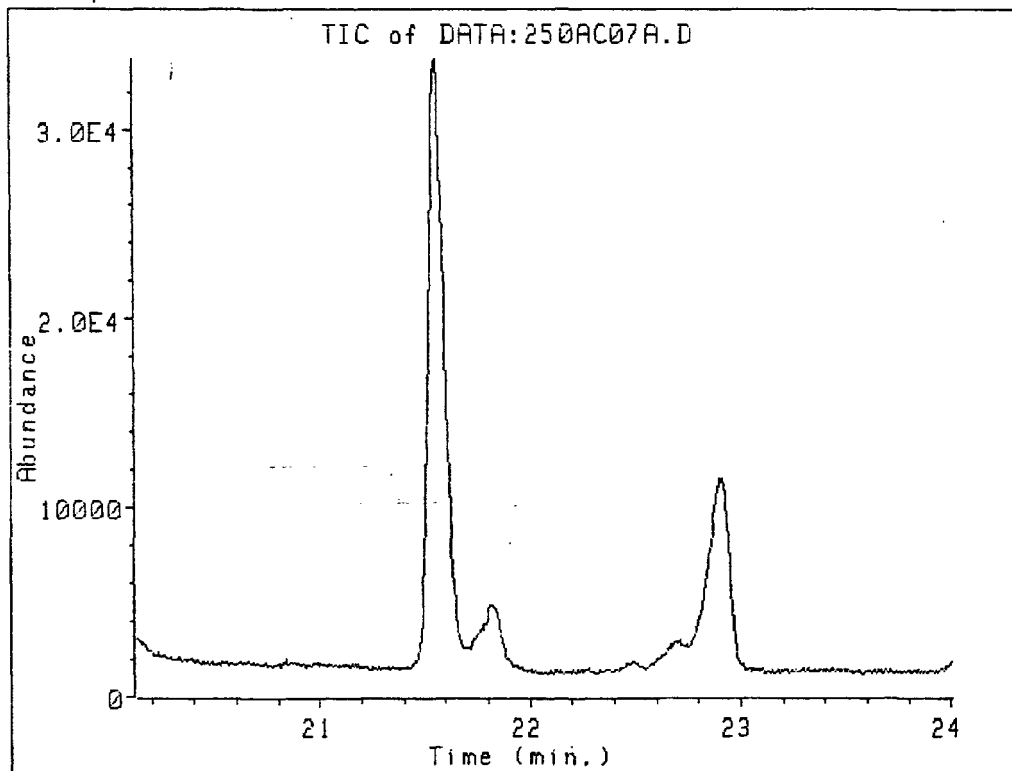
4 2001

Data file: DATA:250AC07A.D
File type: GC / MS DATA FILE

Name Info: HERC 2022
Misc Info:
Operator : TMS

Date : 6 Sep 88 8:56 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 7
Replicate num : 1



023728

03223939

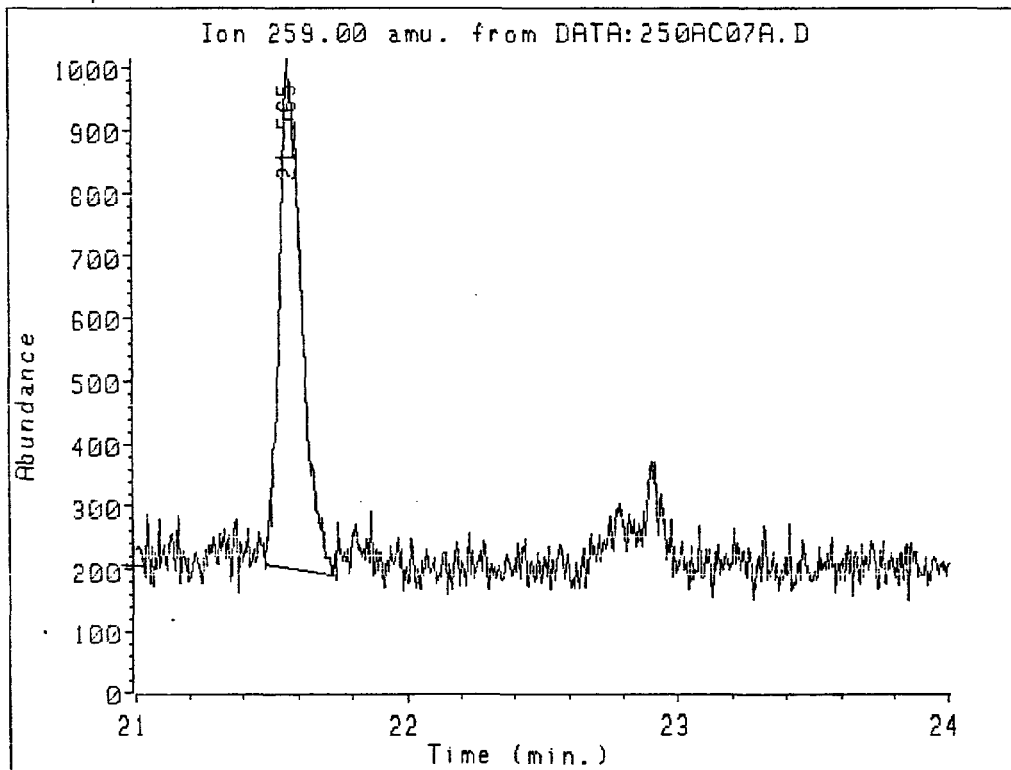
4 2002

Data file: DATA:250AC07A.D
File type: GC / MS DATA FILE

Name Info: HERC 2022
Misc Info:
Operator : TMS

Date : 6 Sep 88 8:56 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 7
Replicate num : 1



Ion 259.00 amu. from DATA:250AC07A.D
HERC 2022

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.565	BV	0.077	46409	21.477	21.725

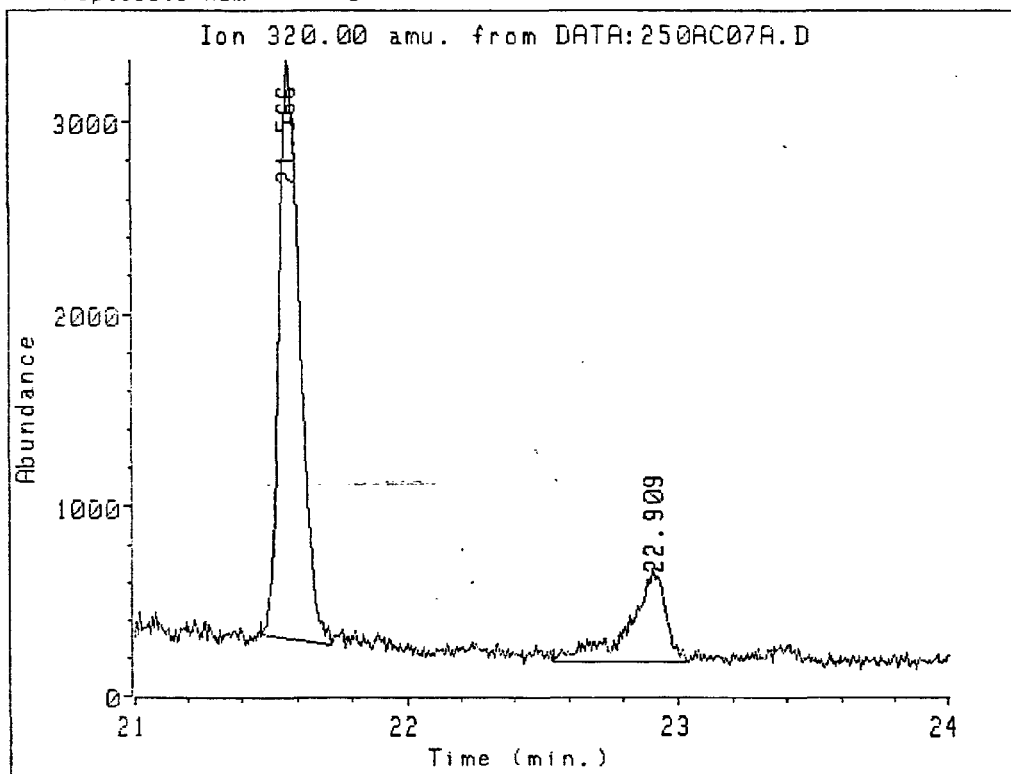
03223940

Data file: DATA:250AC07A.D
File type: GC / MS DATA FILE

Name Info: HERC 2022
Misc Info:
Operator : TMS

Date : 6 Sep 88 8:56 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 7
Replicate num : 1



Ion 320.00 amu. from DATA:250AC07A.D
HERC 2022

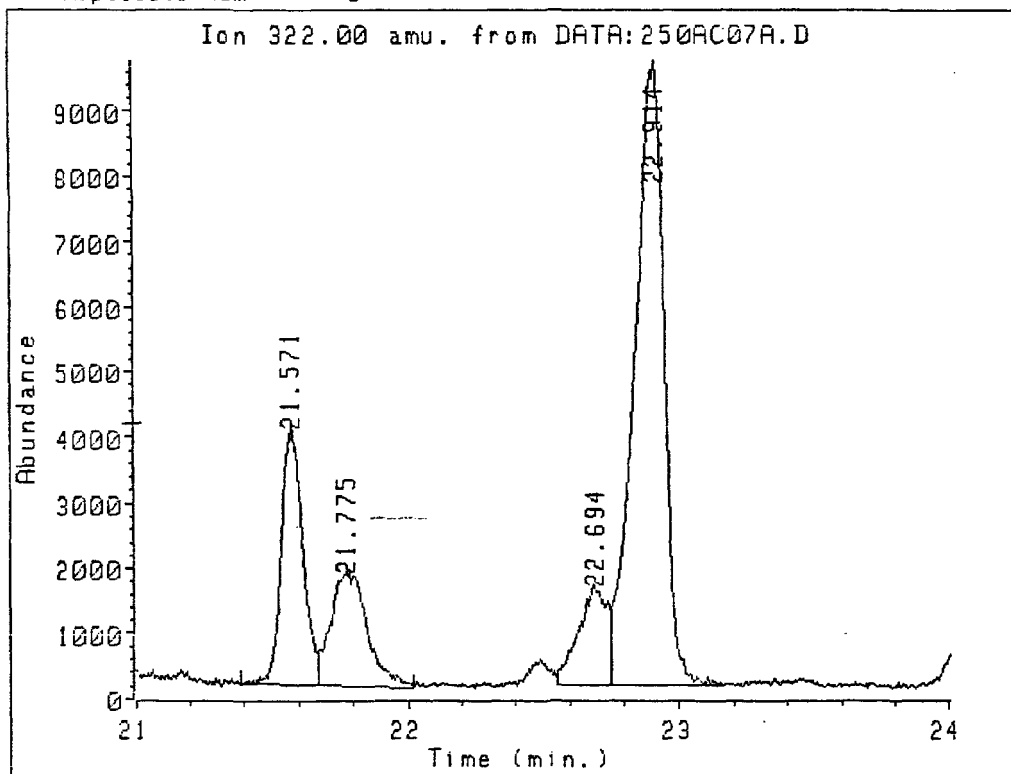
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.566	BU	0.078	161979	21.465	21.723
2	22.909	BU	0.124	46365	22.546	23.033

Data file: DATA:250AC07A.D
File type: GC / MS DATA FILE

Name Info: HERC 2022
Misc Info:
Operator : TMS

Date : 6 Sep 88 8:56 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 7
Replicate num : 1



Ion 322.00 amu. from DATA:250AC07A.D
HERC 2022

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.571	BU	0.086	218375	21.385	21.670
2	21.775	UU	0.119	161849	21.670	22.019
3	22.694	UU	0.093	110457	22.552	22.752
4	22.914	UB	0.113	720170	22.752	23.159

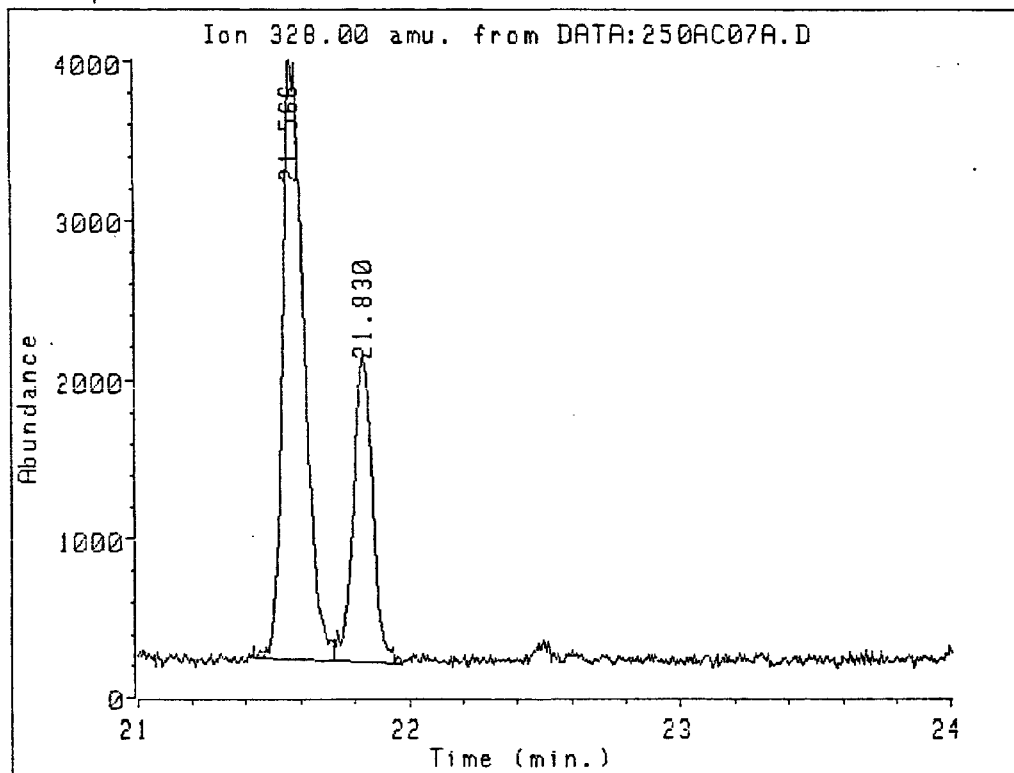
47
4 2005

Data file: DATA:250AC07A.D
File type: GC / MS DATA FILE

Name Info: HERC 2022
Misc Info:
Operator : TMS

Date : 6 Sep 88 8:56 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 7
Replicate num : 1



Ion 328.00 amu. from DATA:250AC07A.D
HERC 2022

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.566	UV	0.089	213191	21.428	21.725
2	21.830	UV	0.079	96618	21.725	21.973

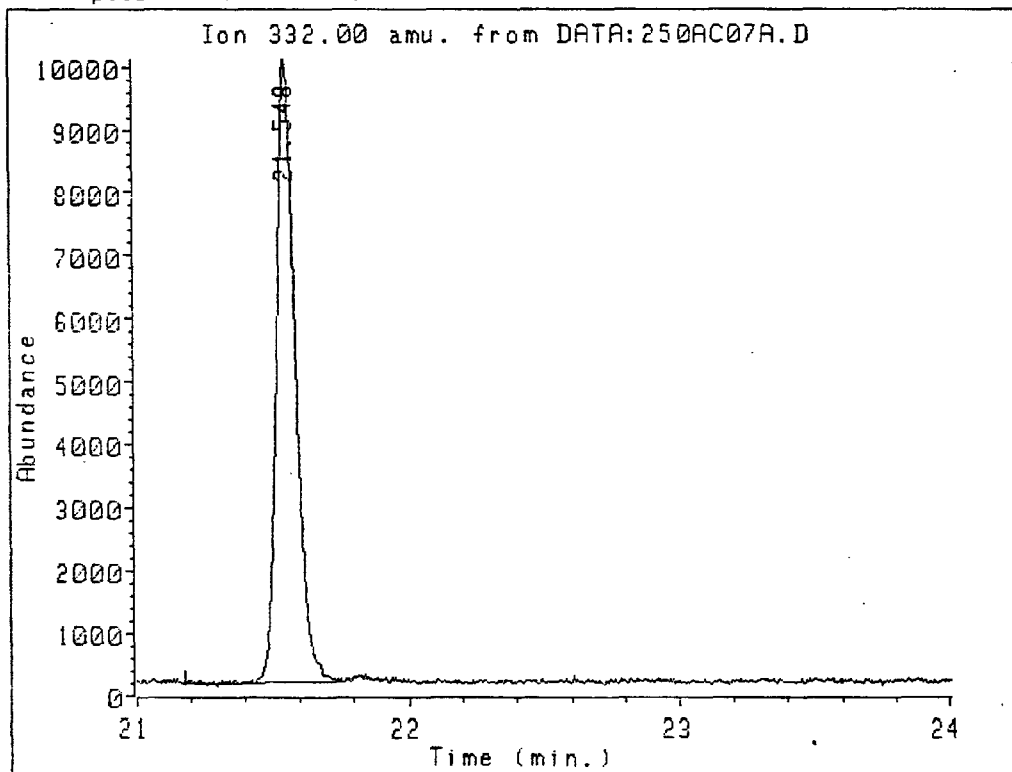
03223943

Data file: DATA:250AC07A.D
File type: GC / MS DATA FILE

Name Info: HERC 2022
Misc Info:
Operator : TMS

Date : 6 Sep 88 8:56 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 7
Replicate num : 1



Ion 332.00 amu. from DATA:250AC07A.D
HERC 2022

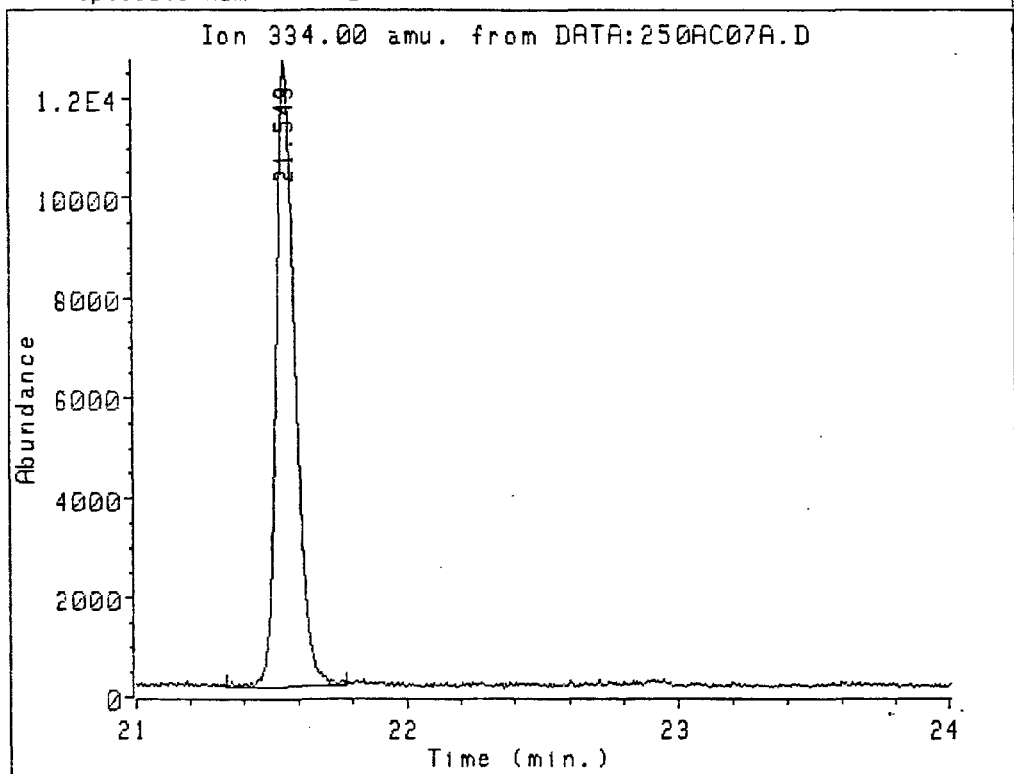
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.548	BU	0.076	487405	21.174	21.759

Data file: DATA:250AC07A.D
File type: GC / MS DATA FILE

Name Info: HERC 2022
Misc Info:
Operator : TMS

Date : 6 Sep 88 8:56 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 7
Replicate num : 1



Ion 334.00 amu. from DATA:250AC07A.D
HERC 2022

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.549	BV	0.075	617405	21.333	21.774

q0

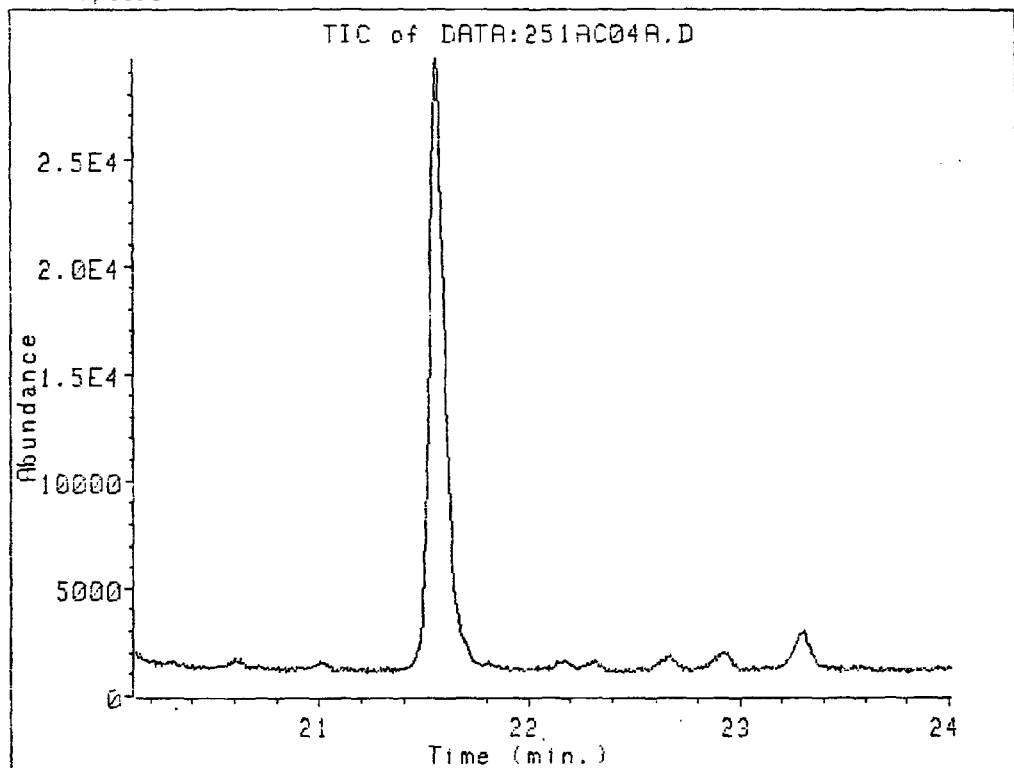
Data file: DATA:251AC04A.D
File type: GC / MS DATA FILE

4 2008

Name Info: METHOD BLANK
Misc Info:
Operator : TMS

Date : 7 Sep 88 7:25 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 4
Replicate num : 1



023735

03223946

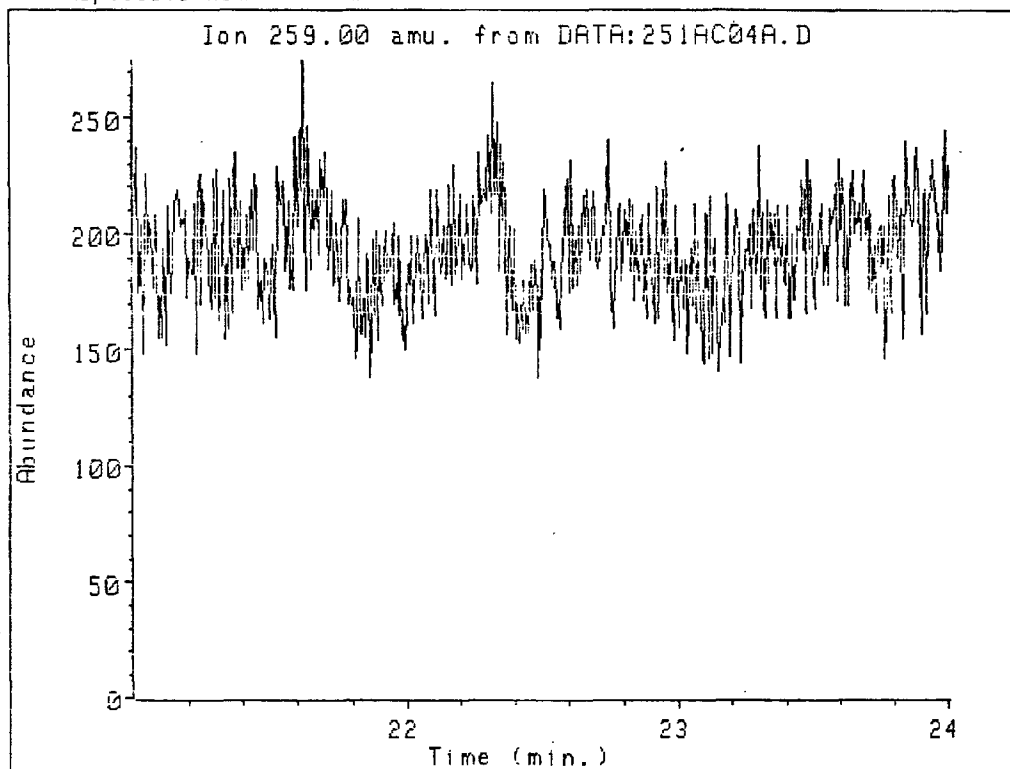
Data file: DATA:251AC04A.D
File type: GC / MS DATA FILE

4 2009

Name Info: METHOD BLANK
Misc Info:
Operator : TMS

Date : 7 Sep 88 7:25 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Ais bottle num : 4
Replicate num : 1



Ion 259.00 amu. from DATA:251AC04A.D
METHOD BLANK

No peaks detected

03223947

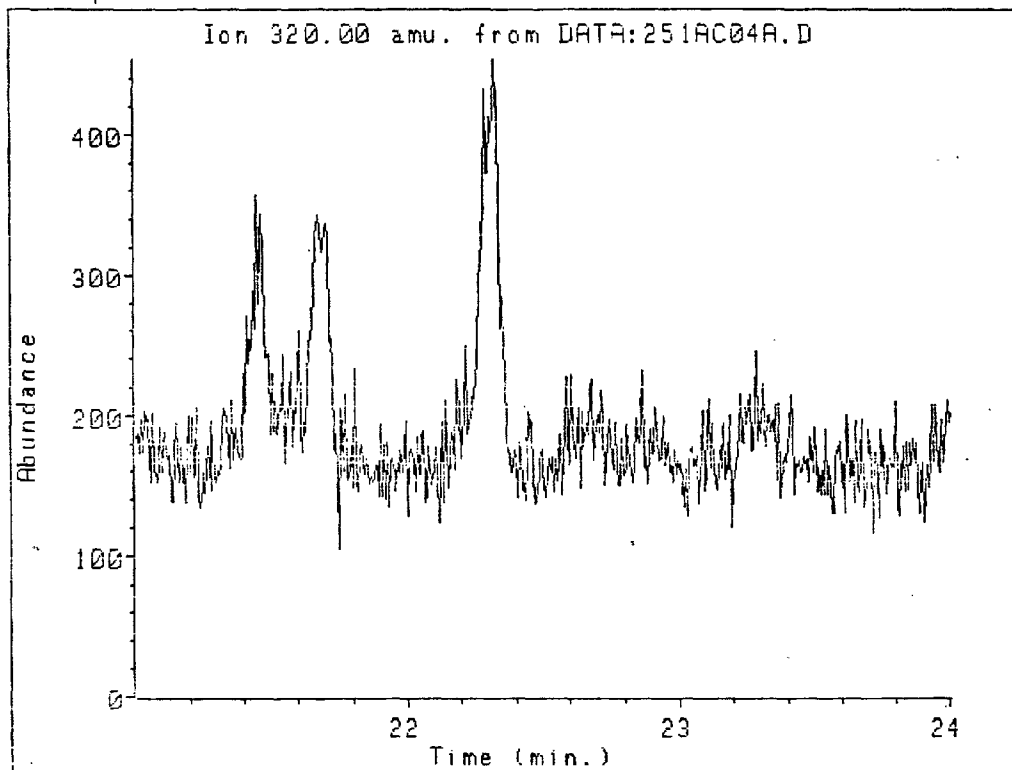
Data file: DATA:251AC04A.D
File type: GC / MS DATA FILE

4 2010

Name Info: METHOD BLANK
Misc Info:
Operator : TMS

Date : 7 Sep 88 7:25 pm
Instrmnt: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 4
Replicate num : 1



Ion 320.00 amu. from DATA:251AC04A.D
METHOD BLANK

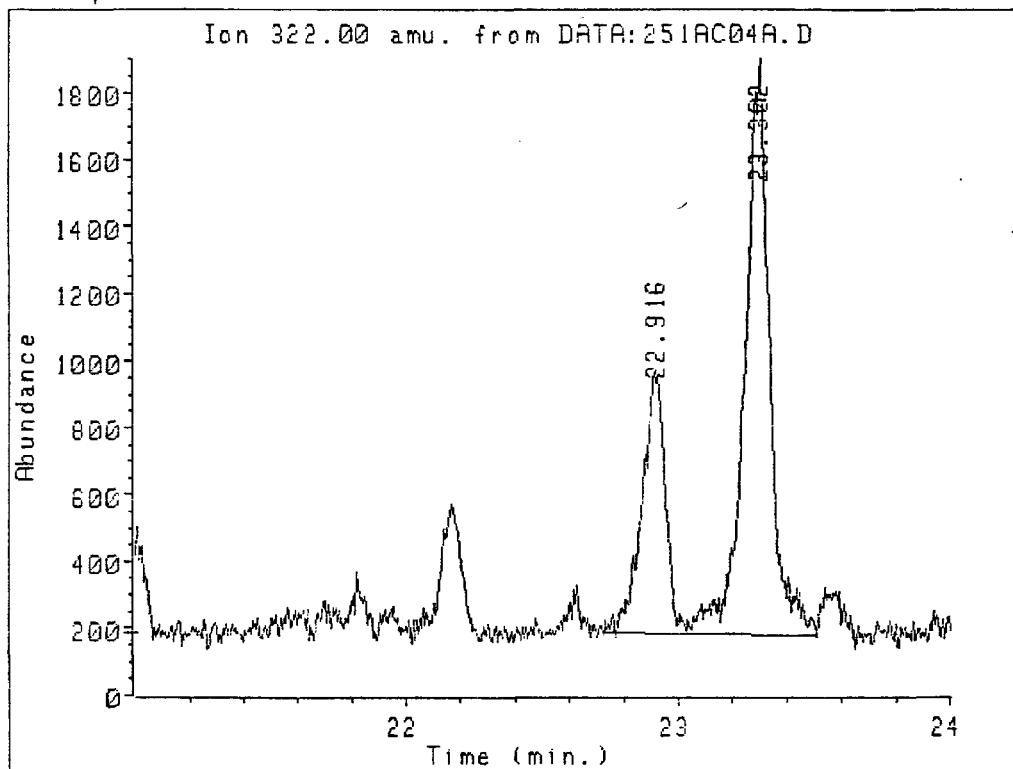
No peaks detected

03223948

Name Info: METHOD BLANK
Misc Info:
Operator : TMS

Date : 7 Sep 88 7:25 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 4
Replicate num : 1



023738

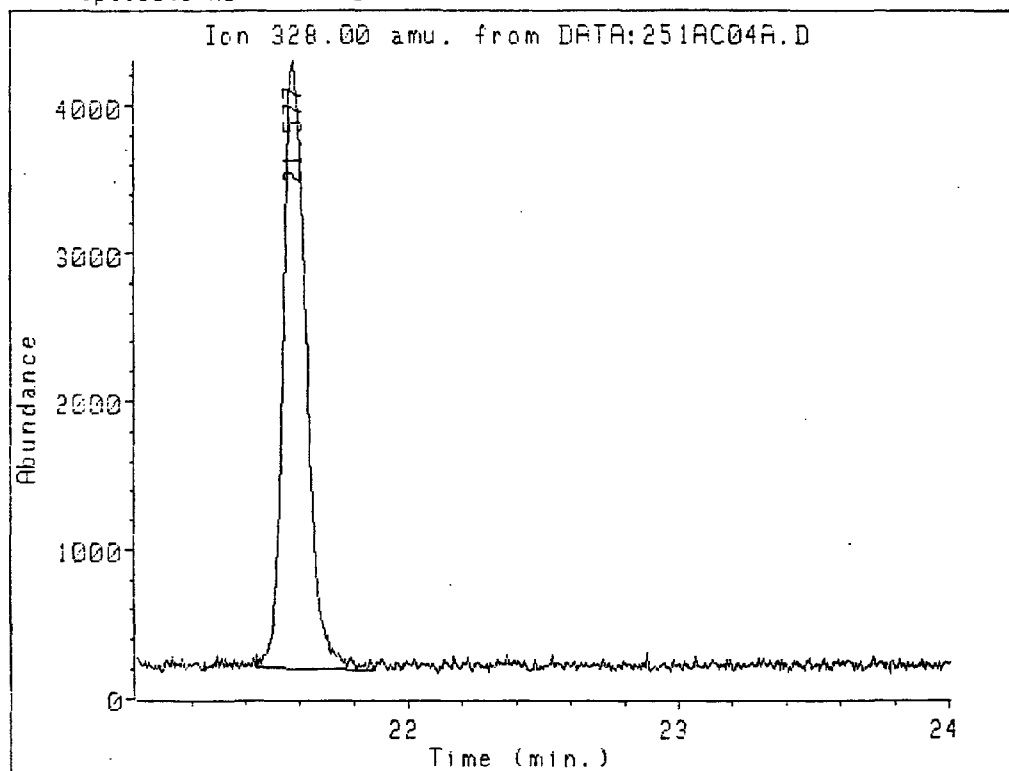
Ion 322.00 amu. from DATA:251AC04A.D
METHOD BLANK

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.916	BV	0.087	47108	22.731	23.032
2	23.302	VV	0.083	111187	23.032	23.513

Name Info: METHOD BLANK
Misc Info:
Operator : TMS

Date : 7 Sep 88 7:25 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 4
Replicate num : 1



Ion 328.00 amu. from DATA:251AC04A.D
METHOD BLANK

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.577	BB	0.094	247194	21.441	21.877

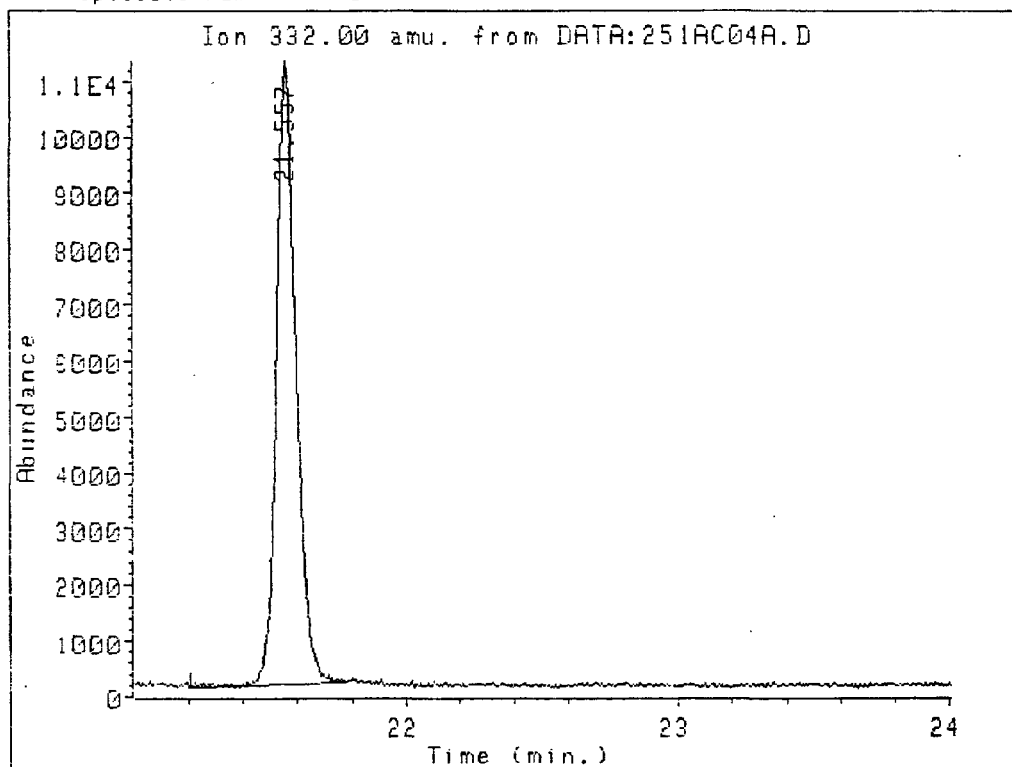
45 Data file: DATA:251AC04A.D
File type: GC / MS DATA FILE

4 2013

Name Info: METHOD BLANK
Misc Info:
Operator : TMS

Date : 7 Sep 88 7:25 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 4
Replicate num : 1



Ion 332.00 amu. from DATA:251AC04A.D
METHOD BLANK

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.557	BV	0.073	558067	21.207	21.781

03223951

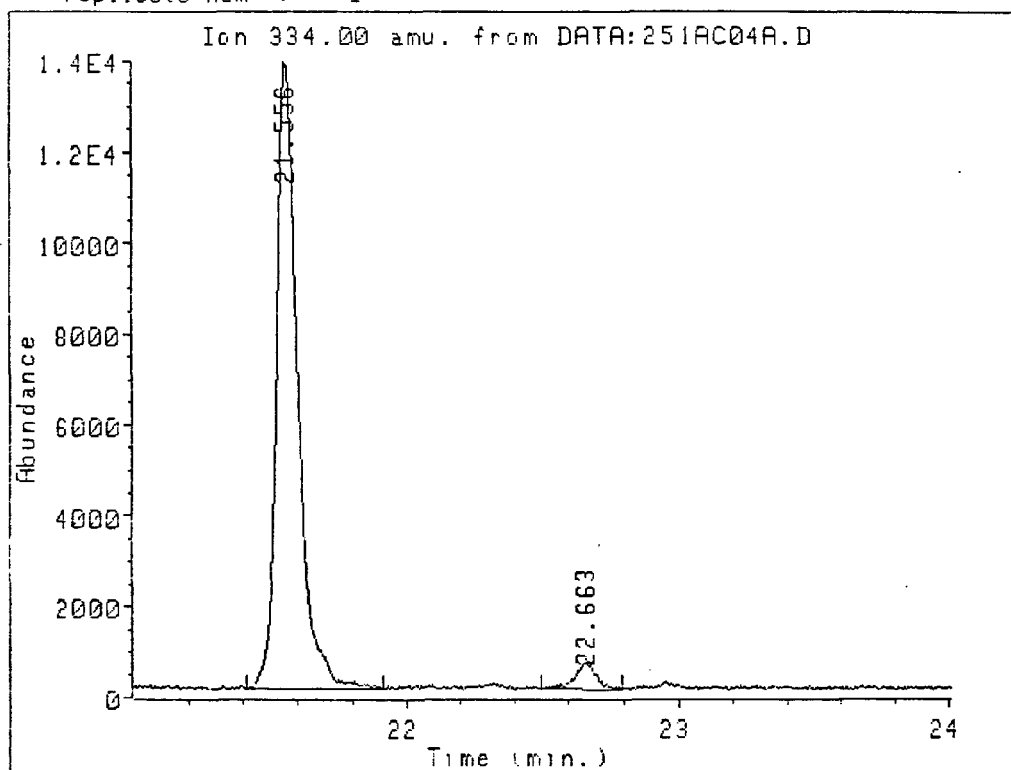
96 . . . Data file: DATA:251AC04A.D
File type: GC / MS DATA FILE

4 2014

Name Info: METHOD BLANK
Misc Info:
Operator : TMS

Date : 7 Sep 88 7:25 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 4
Replicate num : 1



Ion 334.00 amu. from DATA:251AC04A.D
METHOD BLANK

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.556	BB	0.080	749978	21.414	21.913
2	22.663	BB	0.080	32422	22.500	22.794

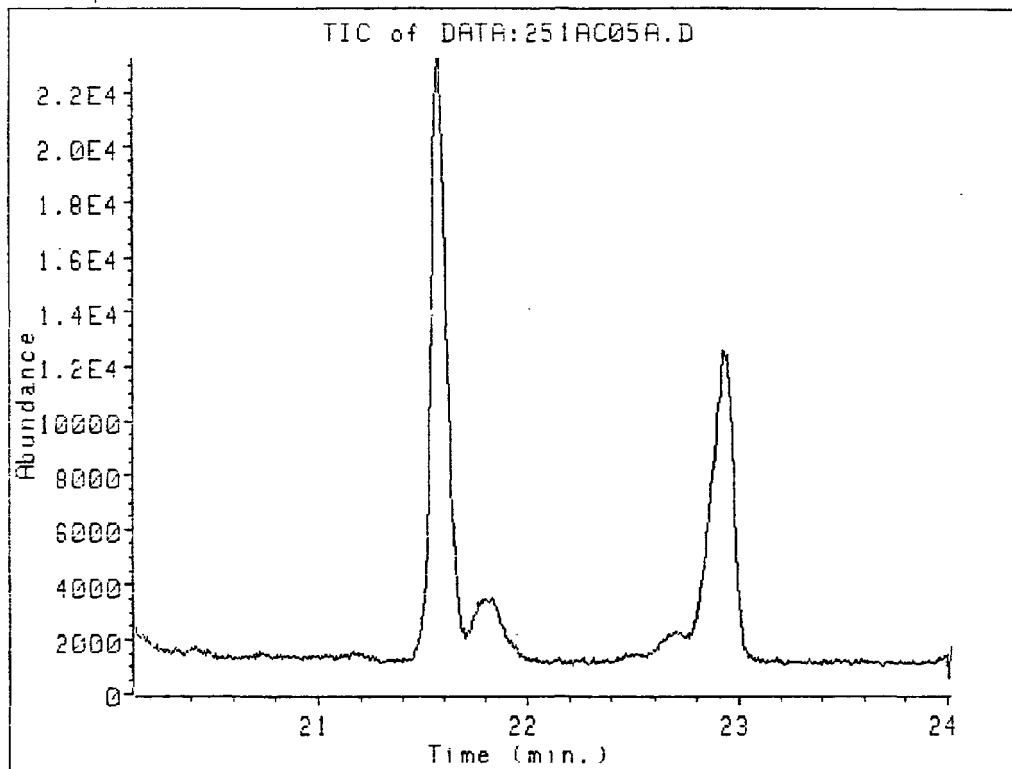
03223952

4 2015

Name Info: SOIL BLANK
Misc Info:
Operator : TMS

Date : 7 Sep 88 7:58 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
ALS bottle num : 5
Replicate num : 1



023742

03223953

99 Data file: DATA:251AC05A.D
File type: GC / MS DATA FILE

4 2016

Name Info: SOIL BLANK

Misc Info:

Operator : TMS

Date : 7 Sep '88 7:58 pm

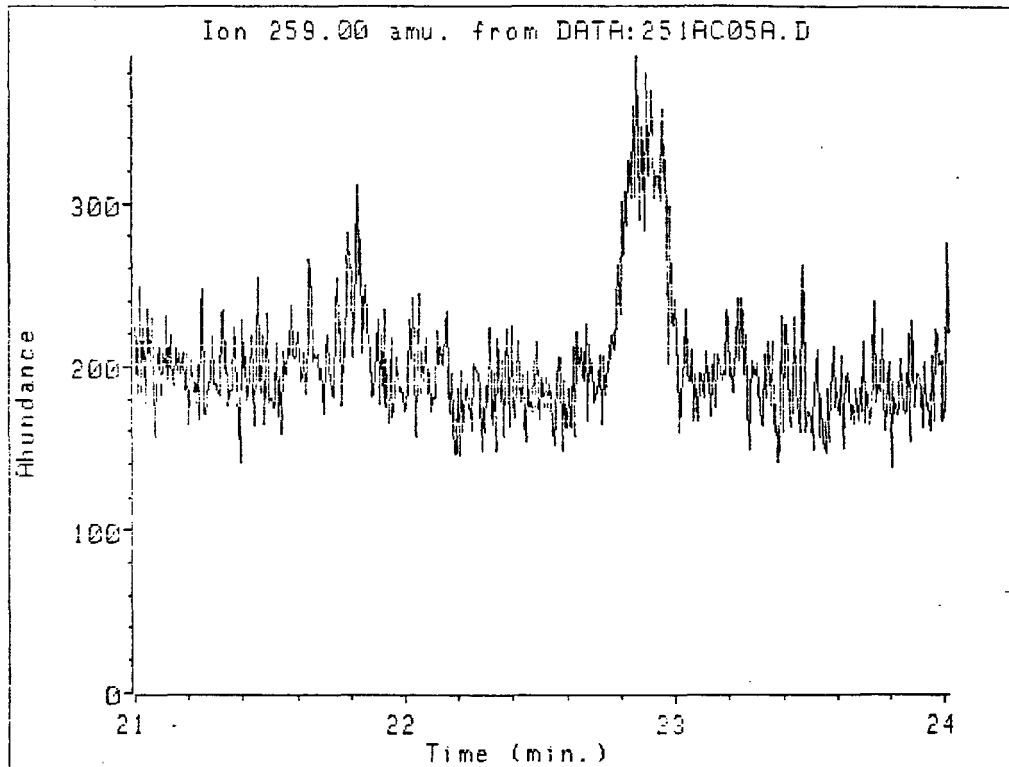
Instrument: MS_5970

Inlet : GC

Sequence index : 3

Als bottle num : 5

Replicate num : 1



Ion 259.00 amu. from DATA:251AC05A.D

SOIL BLANK

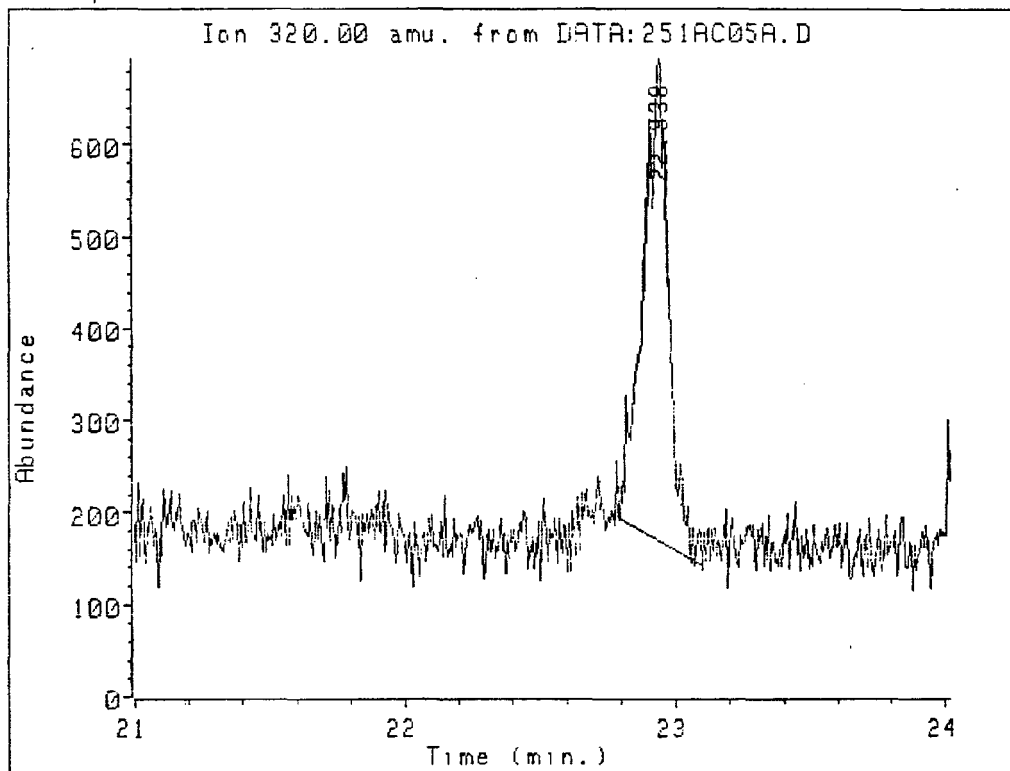
No peaks detected

03223954

Name Info: SOIL BLANK
Misc Info:
Operator : TMS

Date : 7 Sep 88 7:58 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 5
Replicate num : 1



Ion 320.00 amu. from DATA:251AC05A.D
SOIL BLANK

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.938	BB	0.089	34327	22.790	23.097

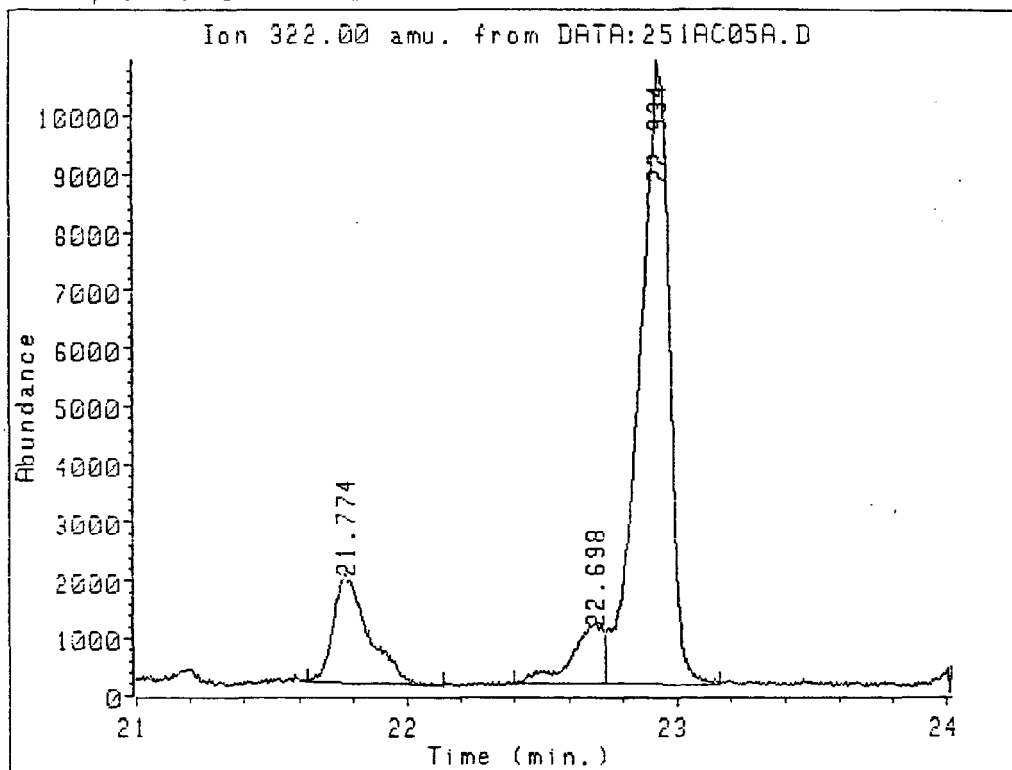
Data file: DATA:251AC05A.D
File type: GC / MS DATA FILE

4 2018

Name Info: SOIL BLANK
Misc Info:
Operator : TMS

Date : 7 Sep 88 7:58 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 5
Replicate num : 1



Ion 322.00 amu. from DATA:251AC05A.D
SOIL BLANK

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.774	BB	0.117	172612	21.633	22.132
2	22.698	BV	0.112	87168	22.398	22.735
3	22.934	VV	0.107	826590	22.735	23.158

03223956

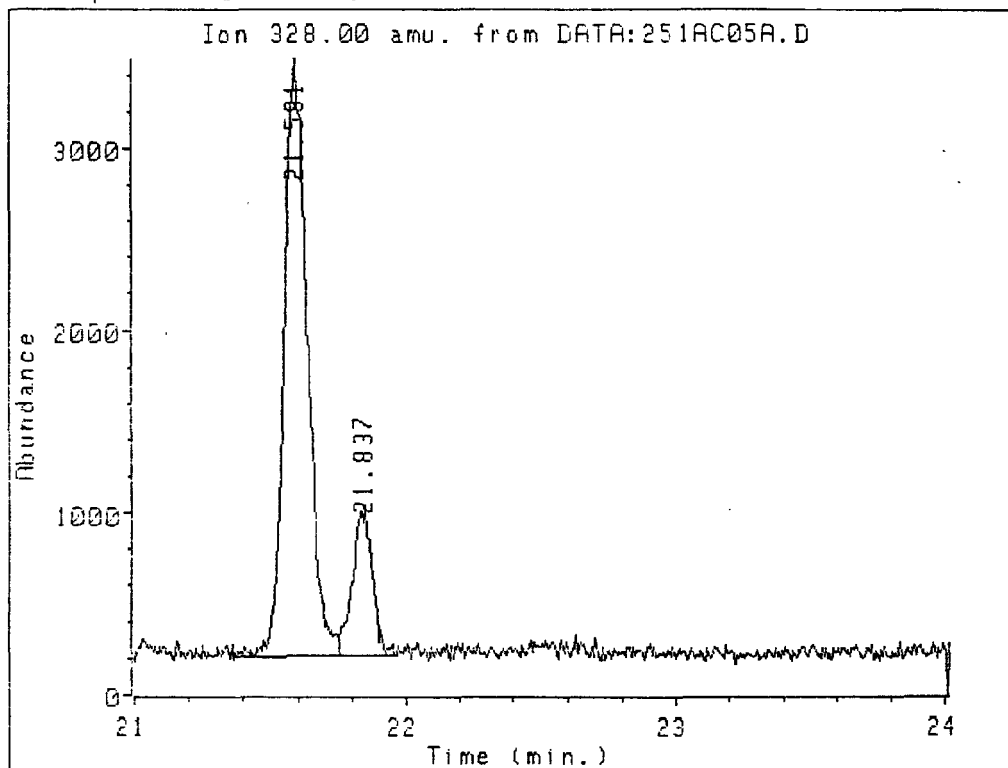
Data file: DATA:251AC05A.D
File type: GC / MS DATA FILE

4 2019

Name Info: SOIL BLANK
Misc Info:
Operator : TMS

Date : 7 Sep 88 7:58 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
ALS bottle num : 5
Replicate num : 1



Ion 328.00 amu. from DATA:251AC05A.D
SOIL BLANK

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.591	BU	0.089	194449	21.366	21.755
2	21.837	VV	0.073	41745	21.755	21.957

03223957

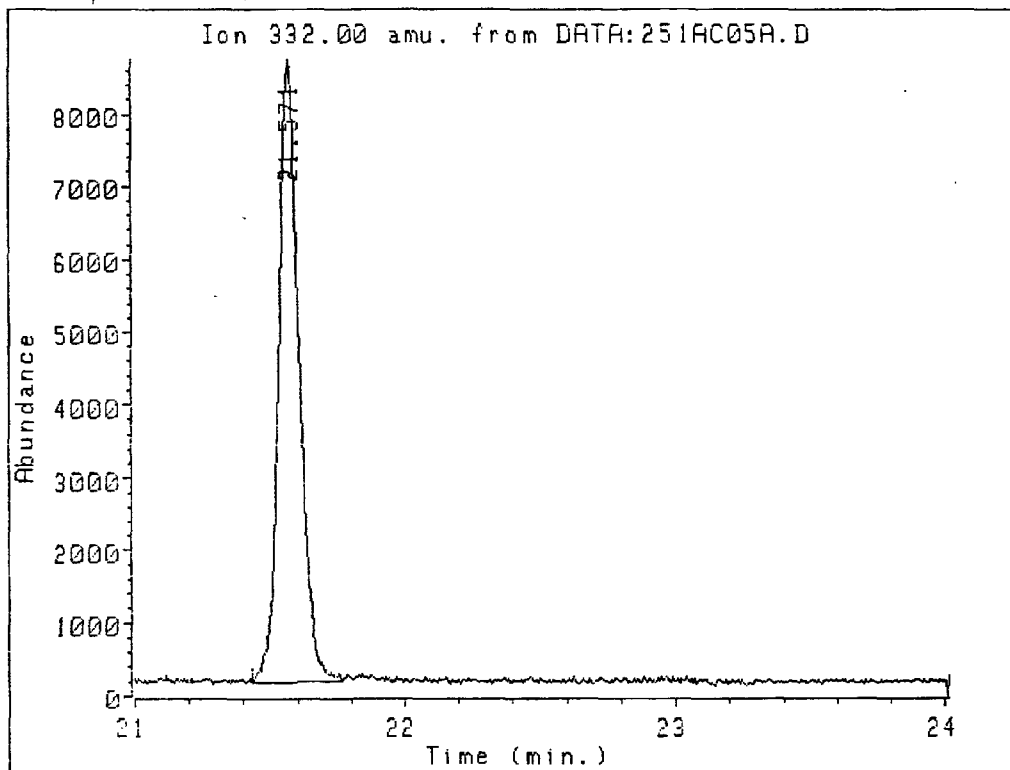
102
Data file: DATA:251AC05A.D
File type: GC / MS DATA FILE

4 2020

Name Info: SOIL BLANK
Misc Info:
Operator : TMS

Date : 7 Sep 88 7:58 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 5
Replicate num : 1



Ion 332.00 amu. from DATA:251AC05A.D
SOIL BLANK

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.571	BV	0.078	446494	21.434	21.767

03223958

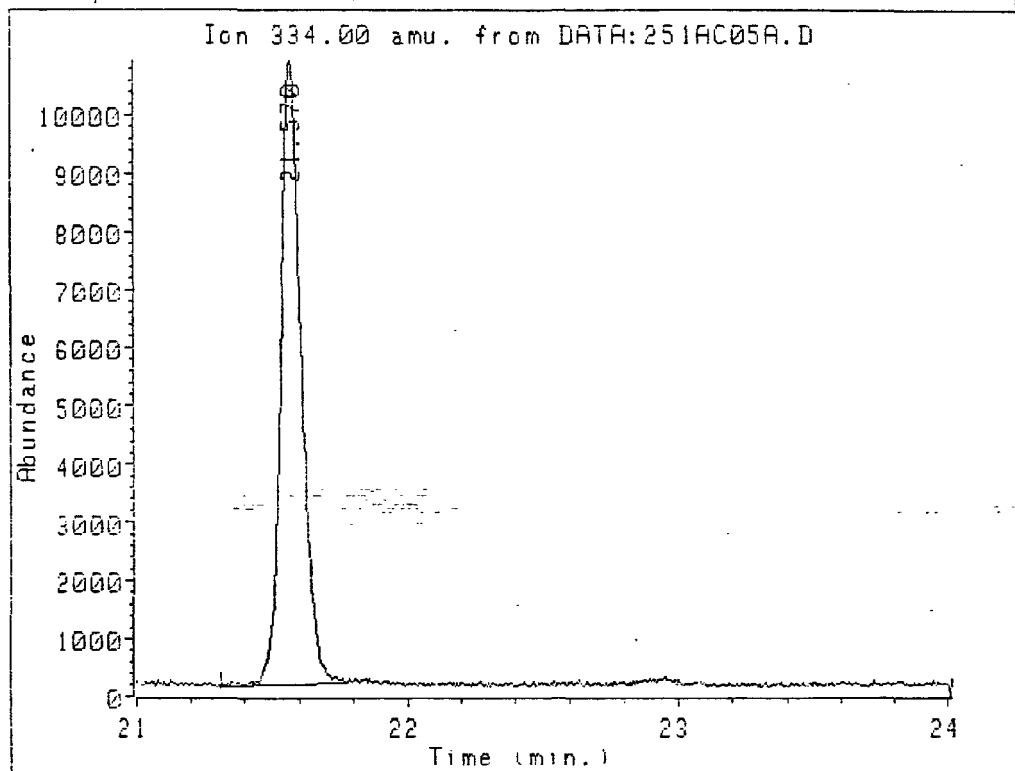
103
Data file: DATA:251AC05A.D
File type: GC / MS DATA FILE

4 2021

Name Info: SOIL BLANK
Misc Info:
Operator : TMS

Date : 7 Sep 88 7:53 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 5
Replicate num : 1



Ion 334.00 amu. from DATA:251AC05A.D
SOIL BLANK

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.570	BU	0.082	569987	21.308	21.777

03223959

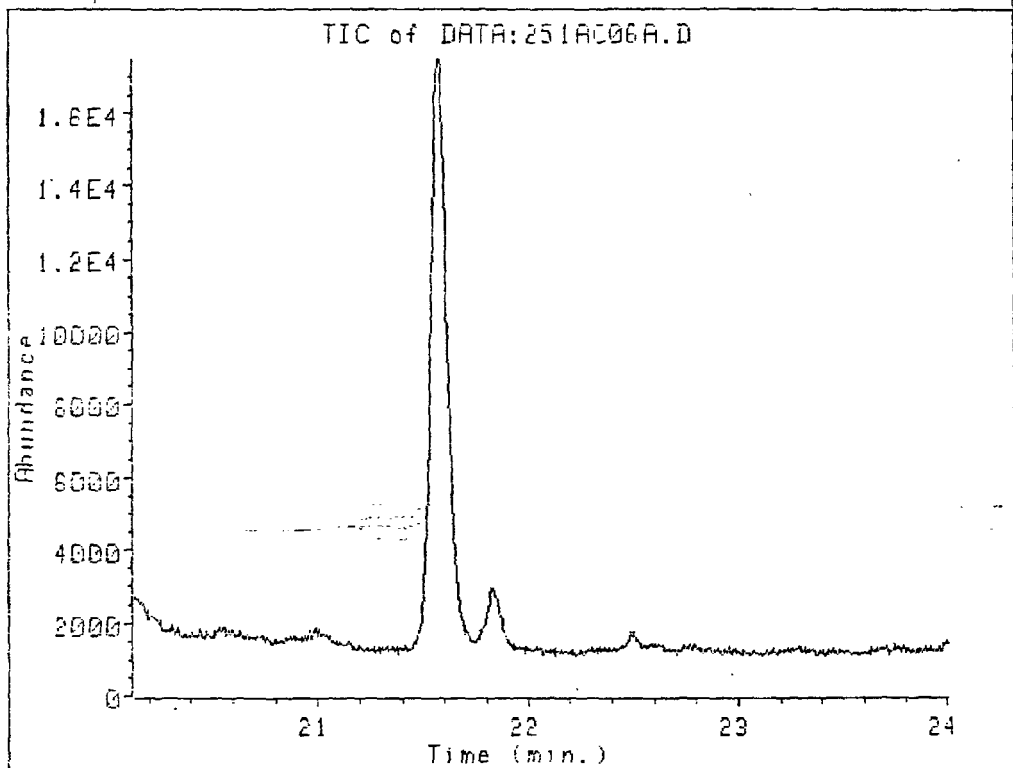
Data file: DATA:251AC06A.D
File type: GC / MS DATA FILE

4 2022

Name Info: PE-A
Misc Info:
Operator : TMS

Date : 7 Sep 88 8:31 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Pls bottle num : 6
Replicate num : 1



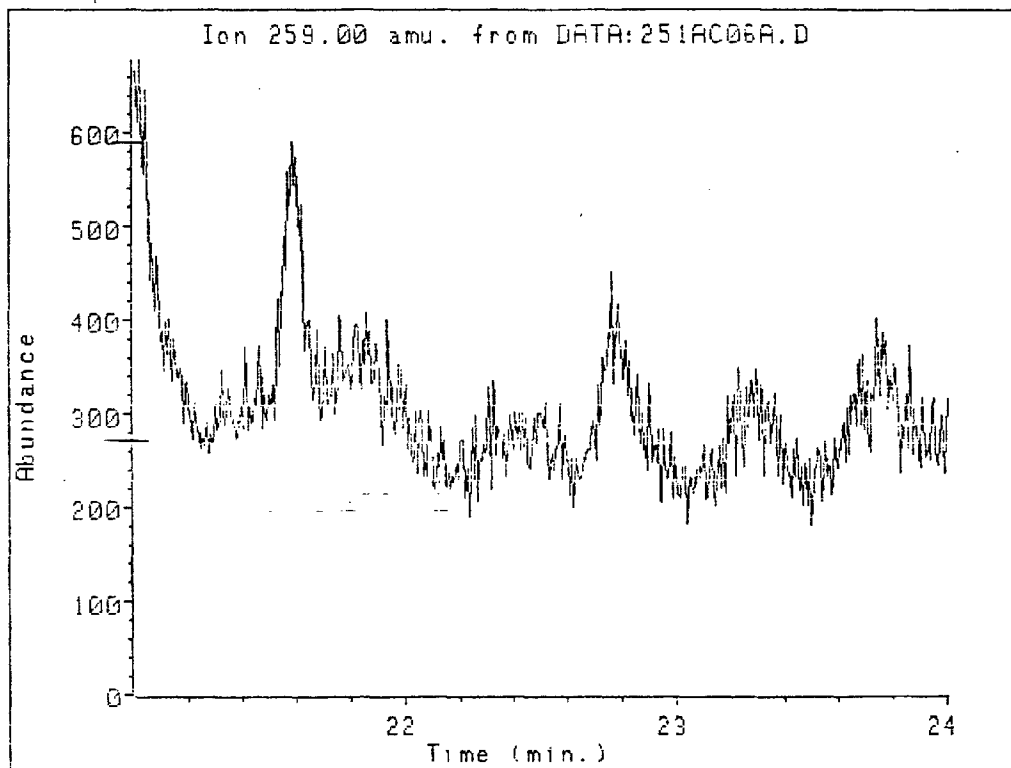
03223960

105
Data file: DATA:251AC06A.D
File type: GC / MS DATA FILE

Name Info: PE-A
Misc Info:
Operator : TMS

Date : 7 Sep 88 8:31 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
ALS bottle num : 6
Replicate num : 1



Ion 259.00 amu. from DATA:251AC06A.D
PE-A

No peaks detected

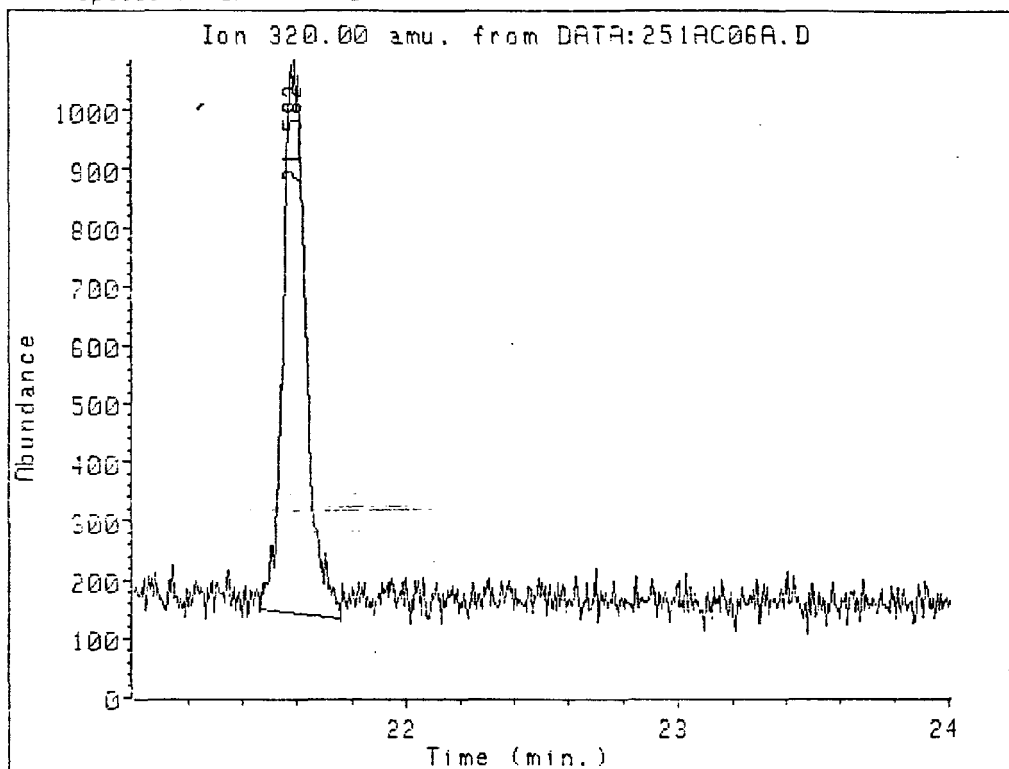
100
Data file: DATA:251AC06A.D
File type: GC / MS DATA FILE

4 2024

Name Info: PE-A
Misc Info:
Operator : TMS

Date : 7 Sep 88 8:31 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 6
Replicate num : 1



Ion 320.00 amu. from DATA:251AC06A.D
PE-A

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.582	BB	0.090	56045	21.465	21.762

03223962

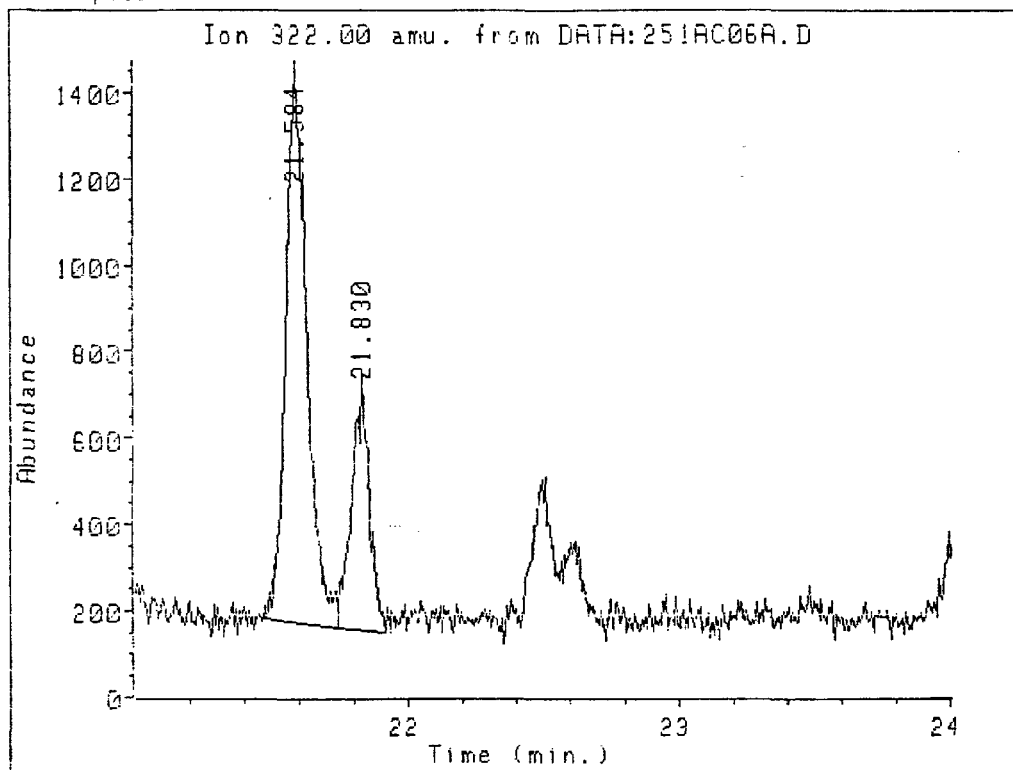
107
Data file: DATA:251AC06A.D
File type: GC / MS DATA FILE

4 2025

Name Info: PE-A
Misc Info:
Operator : TMS

Date : 7 Sep 88 8:31 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 6
Replicate num : 1



Ion 322.00 amu. from DATA:251AC06A.D
PE-A

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.584	BU	0.078	70280	21.477	21.744
2	21.830	UB	0.062	26154	21.744	21.919

03223963

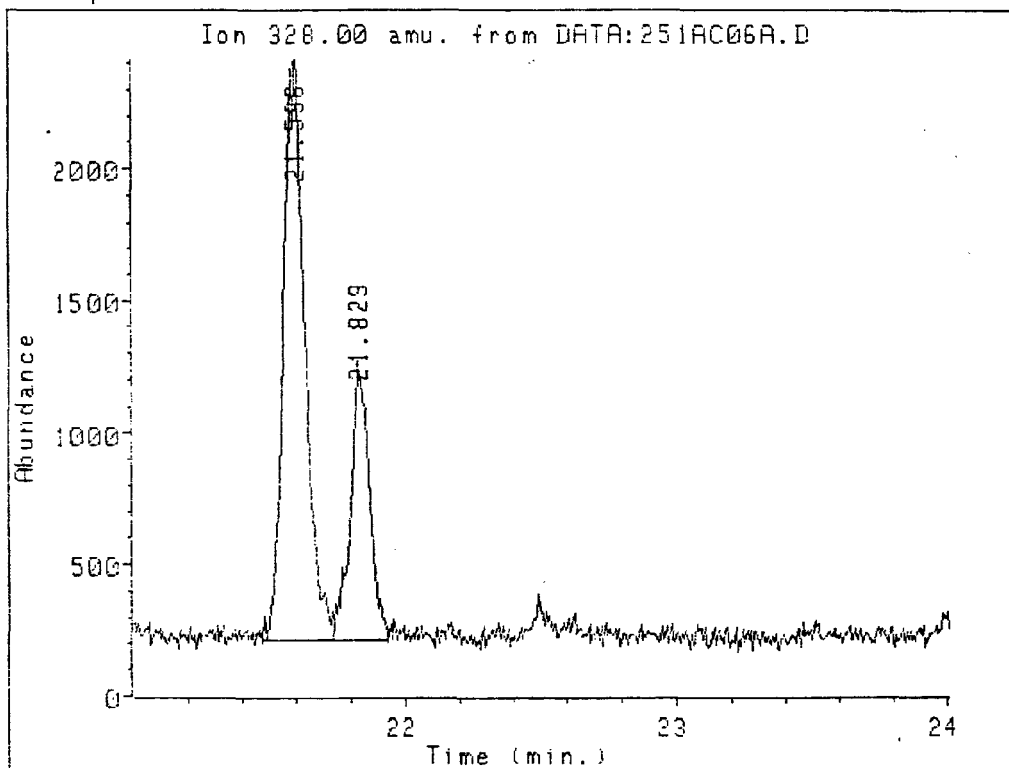
106
Data file: DATA:251AC06A.D
File type: GC / MS DATA FILE

4 2026

Name Info: PE-A
Misc Info:
Operator : TMS

Date : 7 Sep 88 8:31 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 6
Replicate num : 1



Ion 328.00 amu. from DATA:251AC06A.D
PE-A

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.596	BV	0.071	124635	21.474	21.738
2	21.829	UV	0.069	50898	21.738	21.937

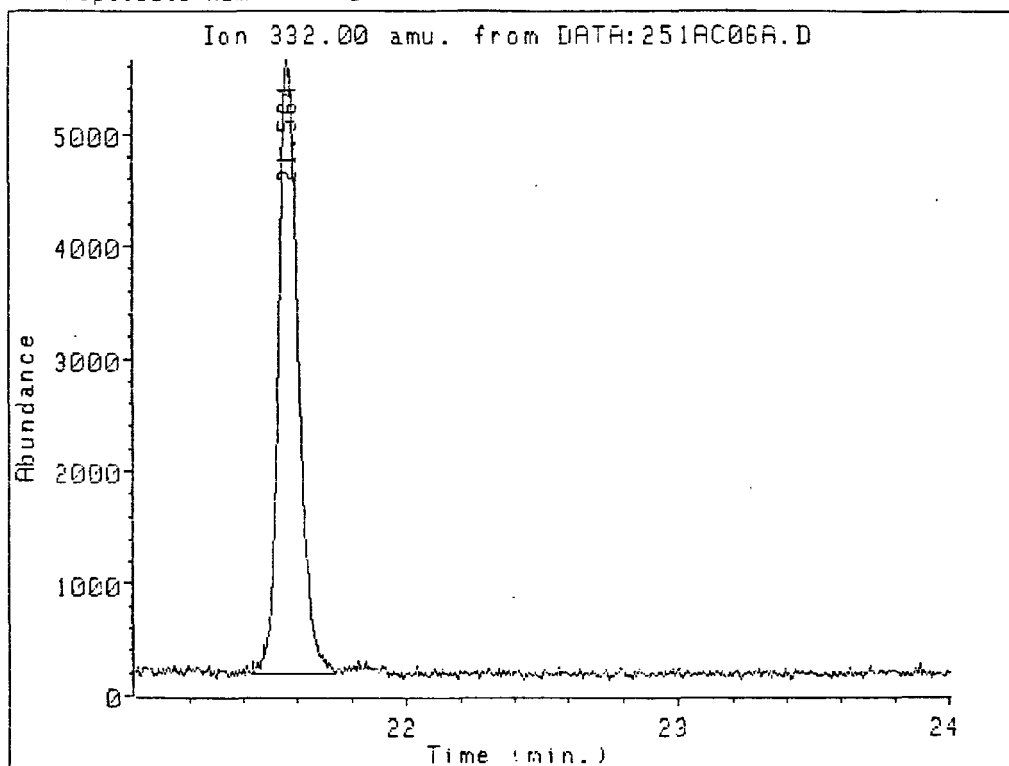
03223964

109
Data file: DATA:251AC06A.D
File type: GC / MS DATA FILE

Name Info: PE-A
Misc Info:
Operator : TMS

Date : 7 Sep 88 8:31 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 6
Replicate num : 1



Ion 332.00 amu. from DATA:251AC06A.D
PE-A

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.564	BV	0.082	284404	21.435	21.738

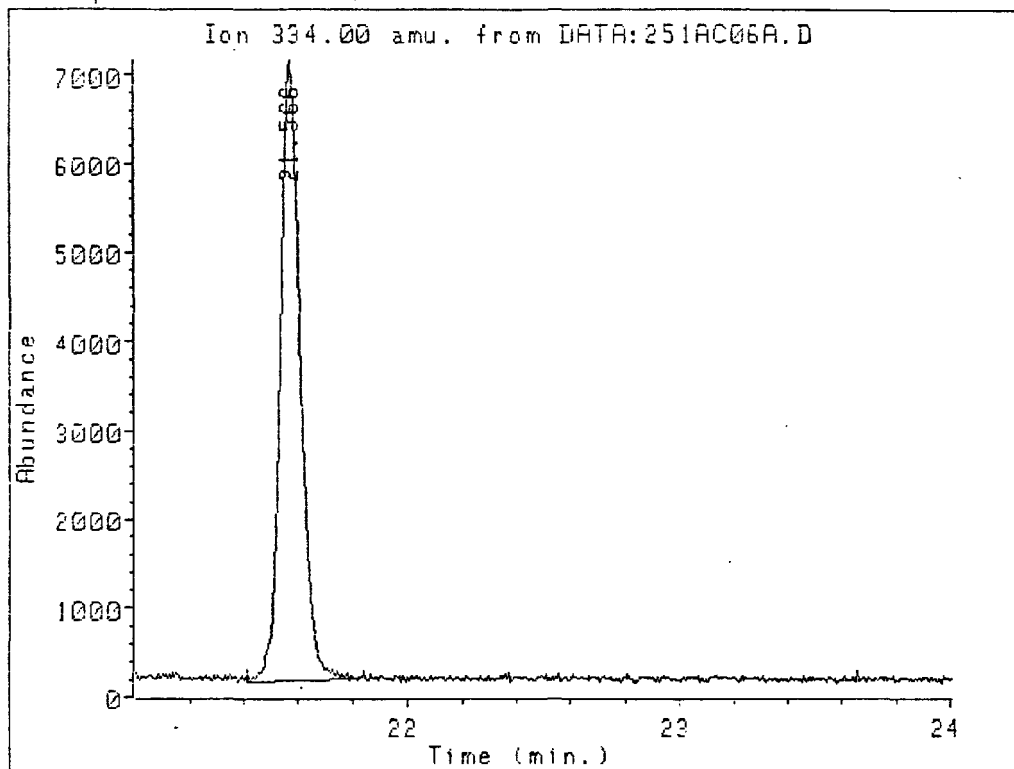
110
Data file: DATA:251AC06A.D
File type: GC / MS DATA FILE

4 2028

Name Info: PE-A
Misc Info:
Operator : TMS

Date : 7 Sep 88 8:31 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 6
Replicate num : 1



Ion 334.00 amu. from DATA:251AC06A.D
PE-A

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.566	BV	0.081	365543	21.414	21.817

03223966

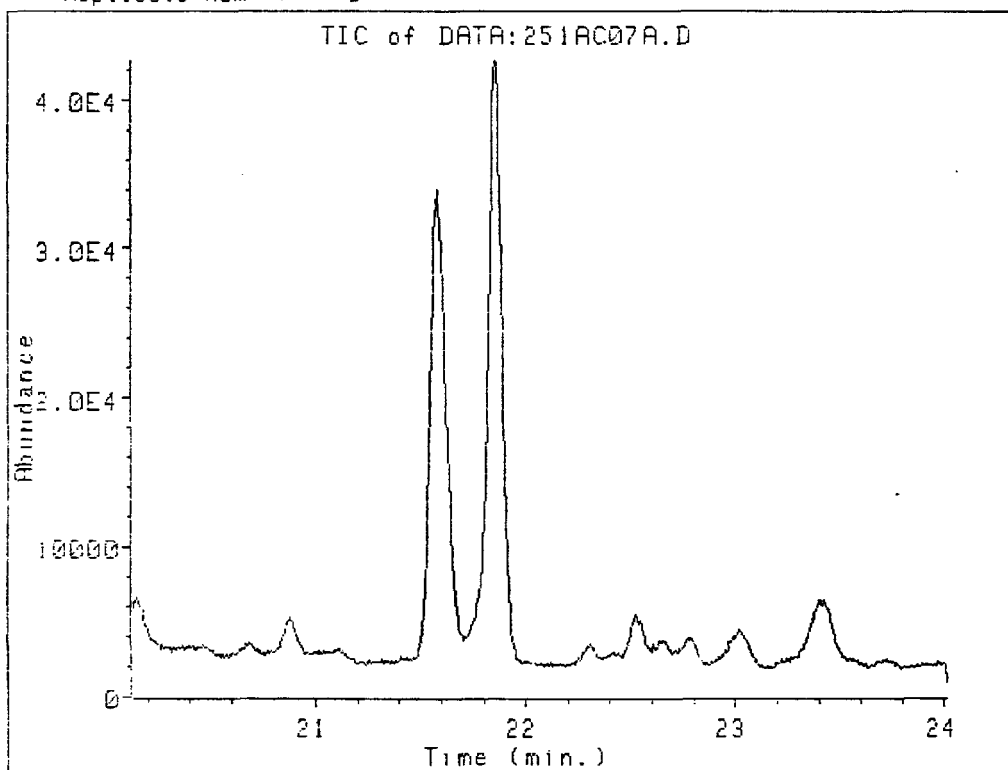
Data file: DATA:251AC07A.D
File type: GC / MS DATA FILE

4 2029

Name Info: 2027
Misc Info:
Operator : TMS

Date : 7 Sep 88 9:04 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 7
Replicate num : 1

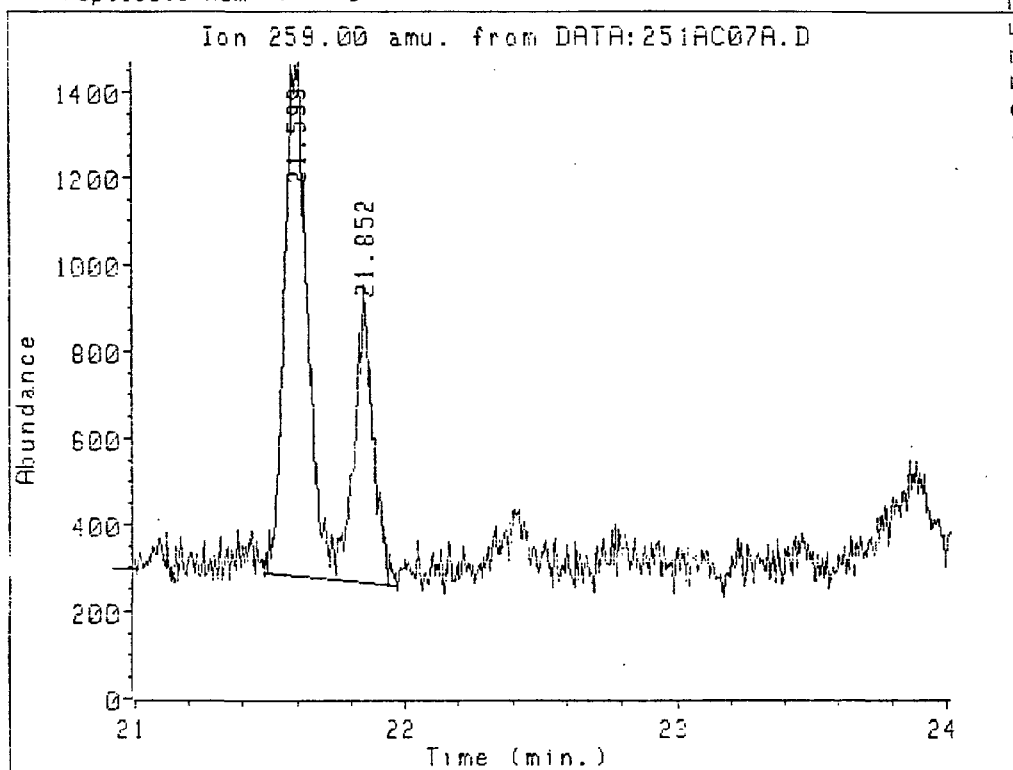


03223967

Name Info: 2027
Misc Info:
Operator : TMS

Date : 7 Sep 88 9:04 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 7
Replicate num : 1



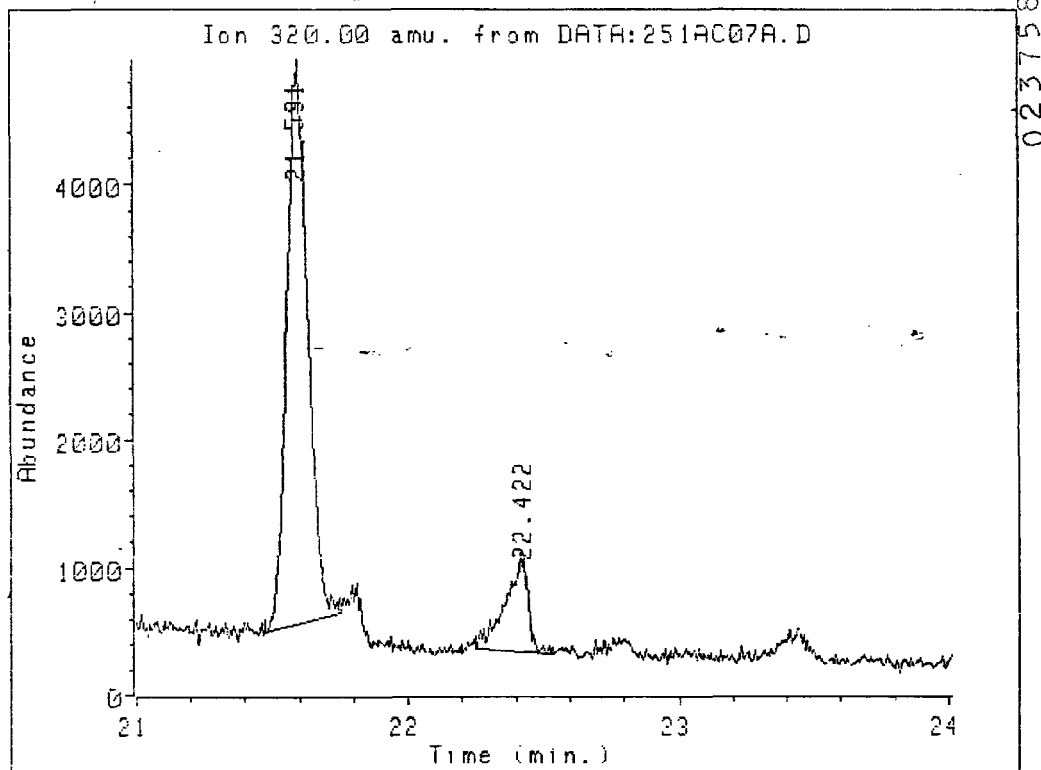
Ion 259.00 amu. from DATA:251AC07A.D
2027

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.599	BU	0.076	69816	21.477	21.744
2	21.852	UB	0.064	32744	21.744	21.971

Name Info: 2027
Misc Info:
Operator : TMS

Date : 7 Sep 88 9:04 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Vial bottle num : 7
Replicate num : 1



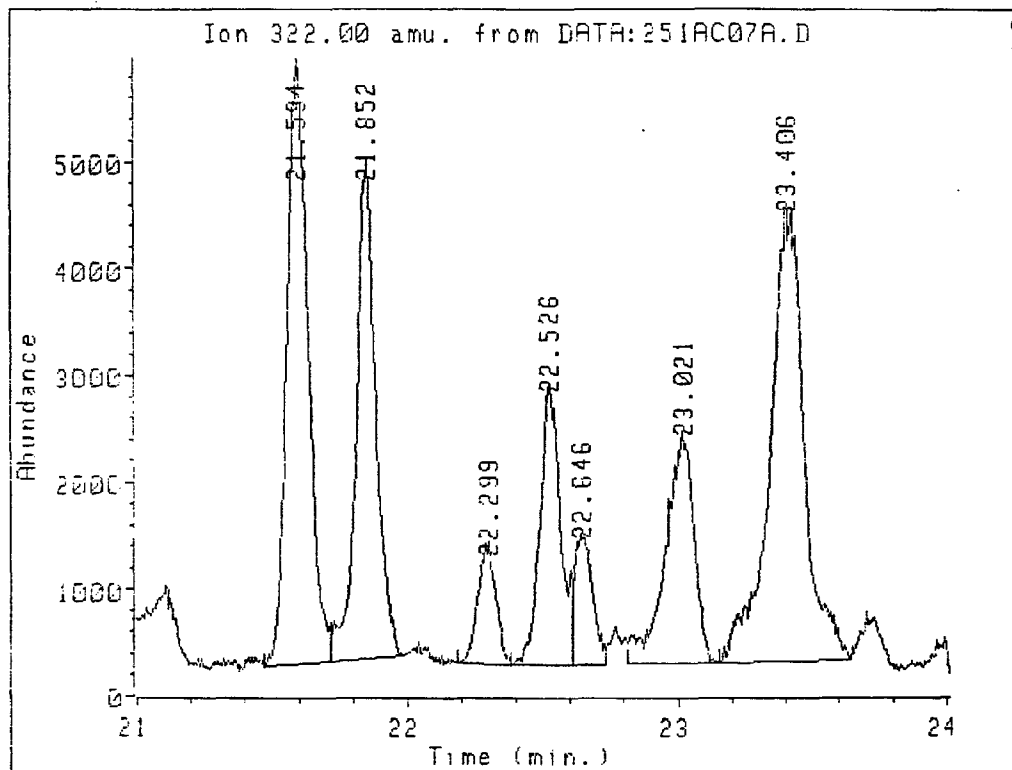
Ion 320.00 amu. from DATA:251AC07A.D
2027

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.591	BU	0.085	235118	21.474	21.756
2	22.422	BB	0.084	45091	22.253	22.541

Name Info: 2027
Misc Info:
Operator : TMS

Date : 7 Sep 88 9:04 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Ais bottle num : 7
Replicate num : 1



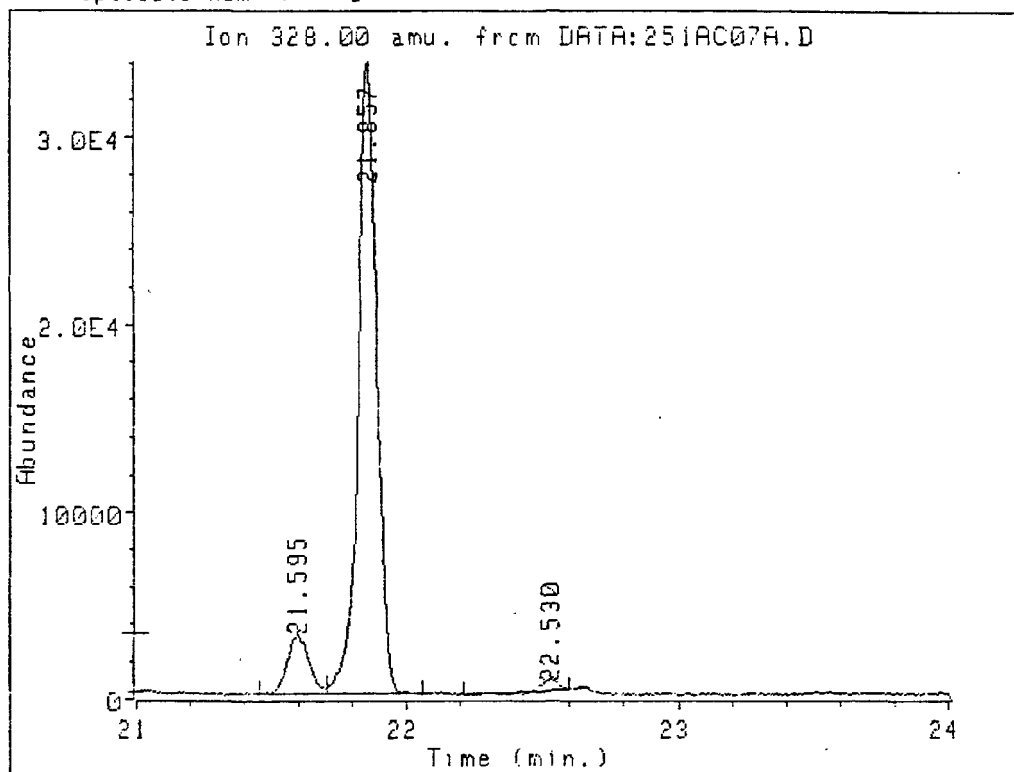
Ion 322.00 amu. from DATA:251AC07A.D
2027

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.594	PV	0.077	303316	21.474	21.719
2	21.852	VV	0.072	227496	21.719	21.989
3	22.299	BU	0.072	52634	22.188	22.387
4	22.526	PV	0.072	138422	22.387	22.614
5	22.646	VV	0.066	52654	22.614	22.737
6	23.021	VV	0.098	158287	22.817	23.157
7	23.406	PV	0.126	373219	23.157	23.644

Name Info: 2027
Misc Info:
Operator : TMS

Date : 7 Sep 88 9:04 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 7
Replicate num : 1



Ion 328.00 amu. from DATA:251AC07A.D
2027

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.595	BU	0.078	180506	21.456	21.707
2	21.857	UU	0.070	1567065	21.707	22.056
3	22.530	BU	0.050	23373	22.207	22.602

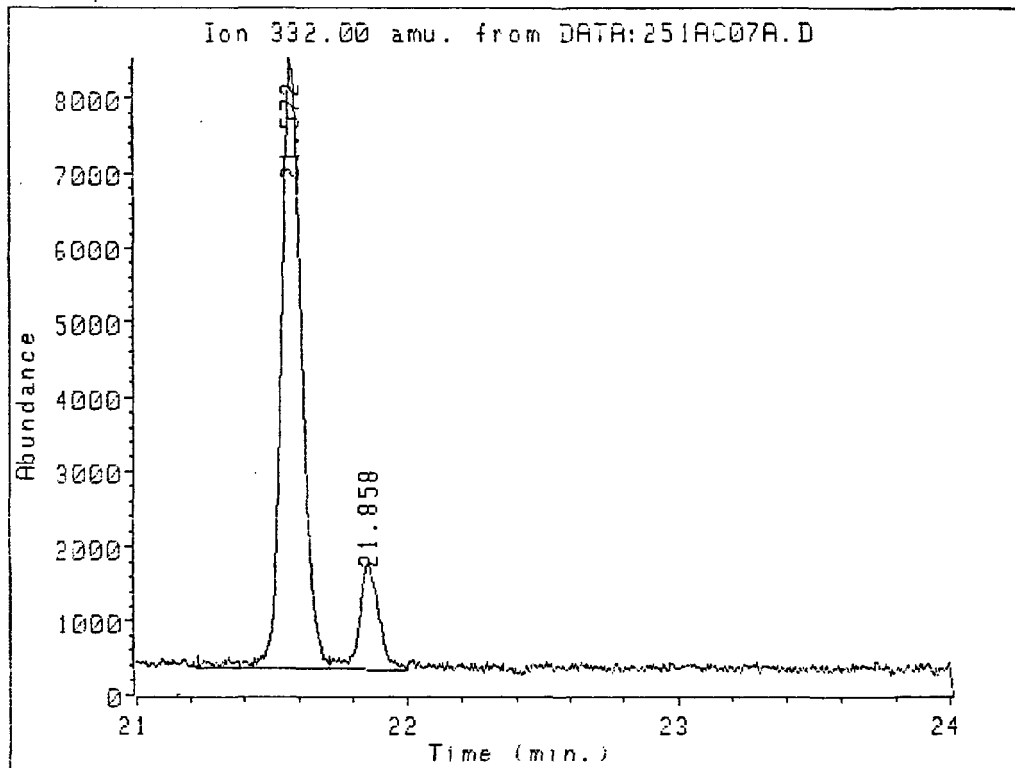
Data file: DATA:251AC07A.D
File type: GC / MS DATA FILE

4 2034

Name Info: 2027
Misc Info:
Operator : TMS

Date : 7 Sep 88 9:04 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 7
Replicate num : 1



023761

Ion 332.00 amu. from DATA:251AC07A.D
2027

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.572	BV	0.076	420671	21.229	21.715
2	21.858	VV	0.080	71164	21.715	21.995

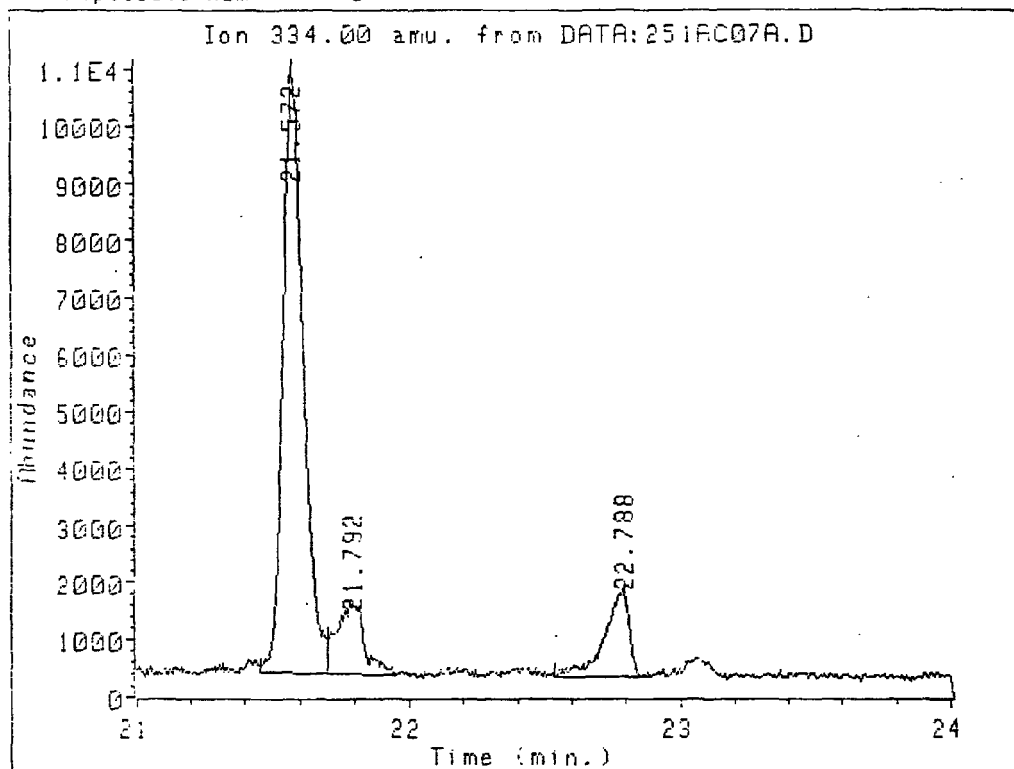
Data file: DATA:251AC07A.D
File type: GC / MS DATA FILE

4 2035

Name Info: 2027
Misc Info:
Operator : TMS

Date : 7 Sep 88 9:04 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 3
Replicate num : 1



Ion 334.00 amu. from DATA:251AC07A.D
2027

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.572	UU	0.075	533289	21.456	21.701
2	21.792	UU	0.102	87696	21.701	21.952
3	22.788	BU	0.083	96126	22.538	22.893

03223973

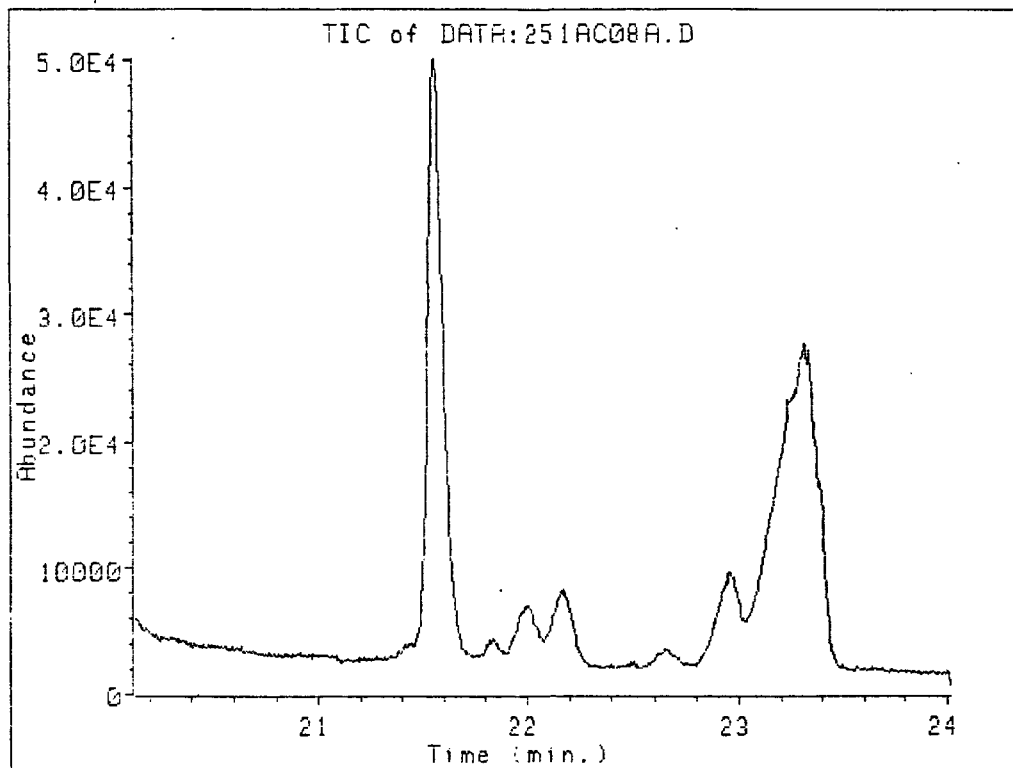
Data file: DATA:251AC08A.D
File type: GC / MS DATA FILE

4 2036

Name Info: 2060
Misc Info:
Operator : TMS

Date : 7 Sep 88 9:36 pm
Instrument: MS_5970 .
Inlet : GC

Sequence index : 3
ALS bottle num : 8
Replicate num : 1



023763

03223974

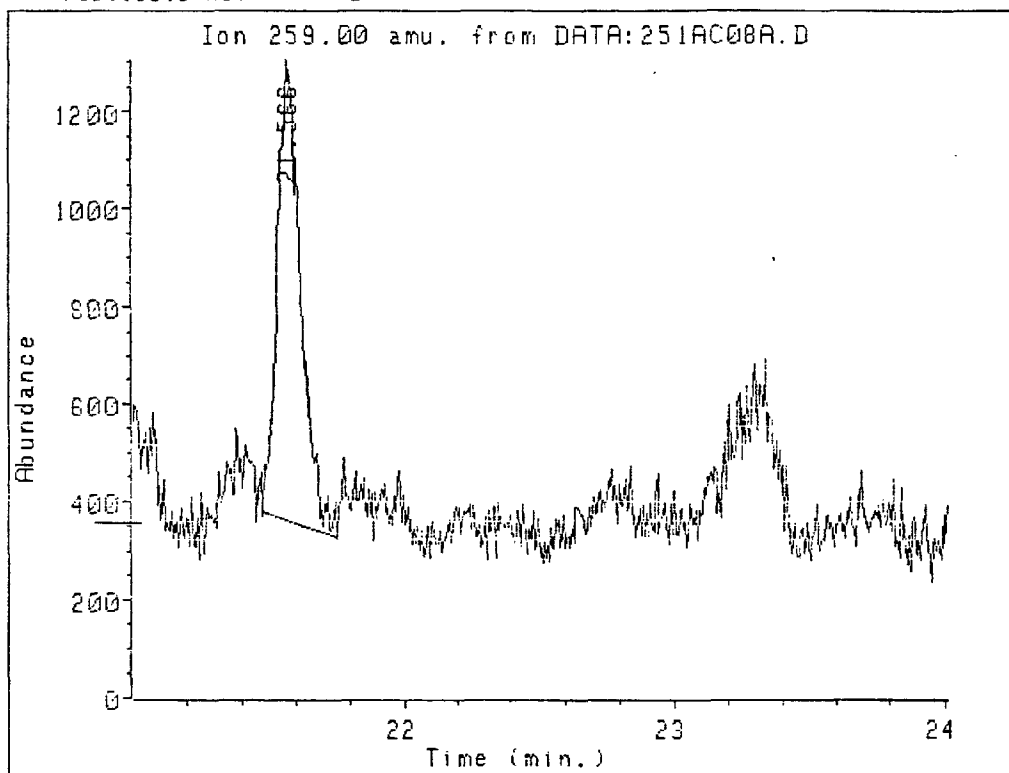
117
Data file: DATA:251AC08A.D
File type: GC / MS DATA FILE

4 2037

Name Info: 2060
Misc Info:
Operator : TMS

Date : 7 Sep 88 9:36 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 8
Replicate num : 1



Ion 259.00 amu. from DATA:251AC08A.D
2060

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.566	BU	0.081	55107	21.478	21.751

03223975

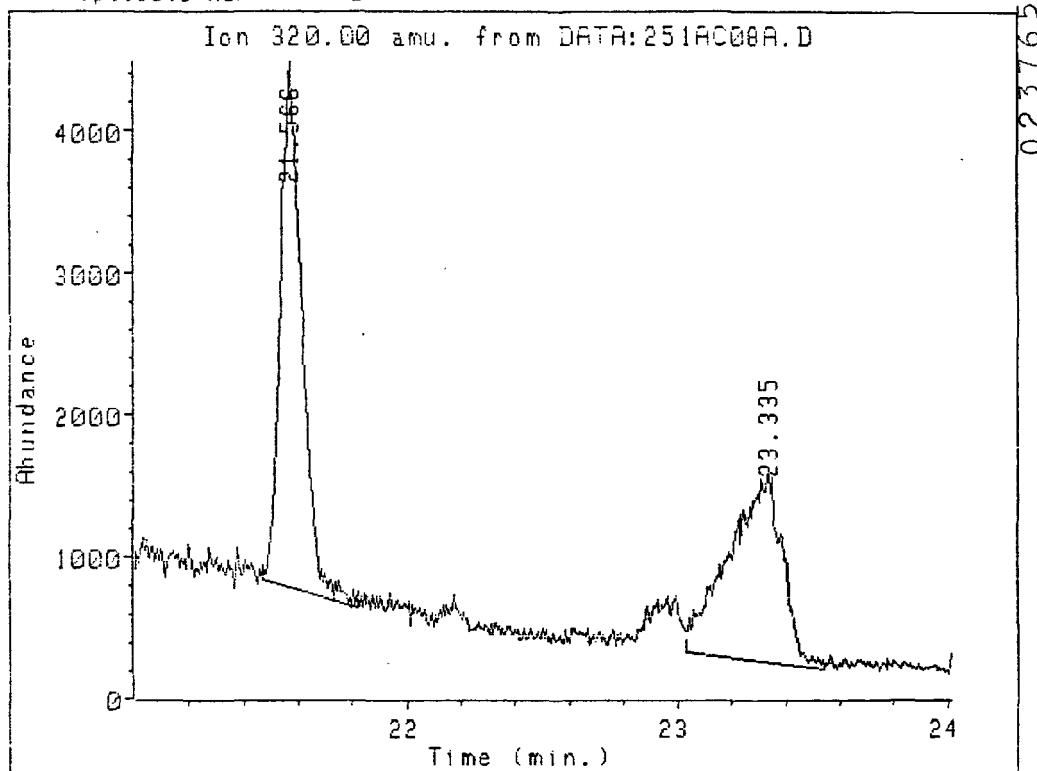
120
Data file: DATA:251AC08A.D
File type: GC / MS DATA FILE

4 2038

Name Info: 2060
Misc Info:
Operator: TMS

Date : 7 Sep 89 9:36 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
ALS bottle num : 8
Replicate num : 1



Ion 320.00 amu. from DATA:251AC08A.D
2060

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.566	BB	0.074	198779	21.472	21.824
2	23.335	UU	0.168	182894	23.030	23.539

03223976

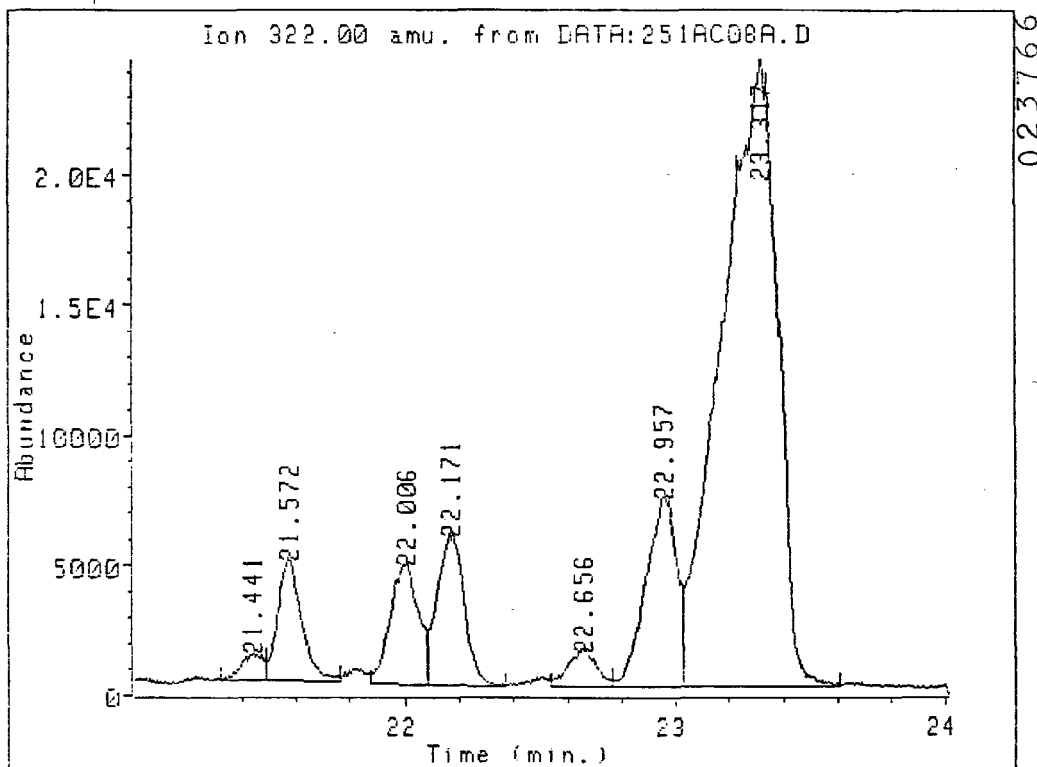
n1
Data file: DATA:251AC08A.D
File type: GC / MS DATA FILE

Name Info: 2060
Misc Info:
Operator : TMS

4 2039

Date : 7 Sep 88 9:30 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 8
Replicate num : 1



Ion 322.00 amu. from DATA:251AC08A.D
2060

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.441	BV	0.073	57312	21.321	21.487
2	21.572	UU	0.086	287825	21.487	21.763
3	22.006	UU	0.097	335477	21.872	22.082
4	22.171	UU	0.104	403473	22.082	22.371
5	22.656	UU	0.095	100495	22.539	22.765
6	22.957	UU	0.104	575182	22.765	23.031
7	23.317	UU	0.174	3449214	23.031	23.608

03223977

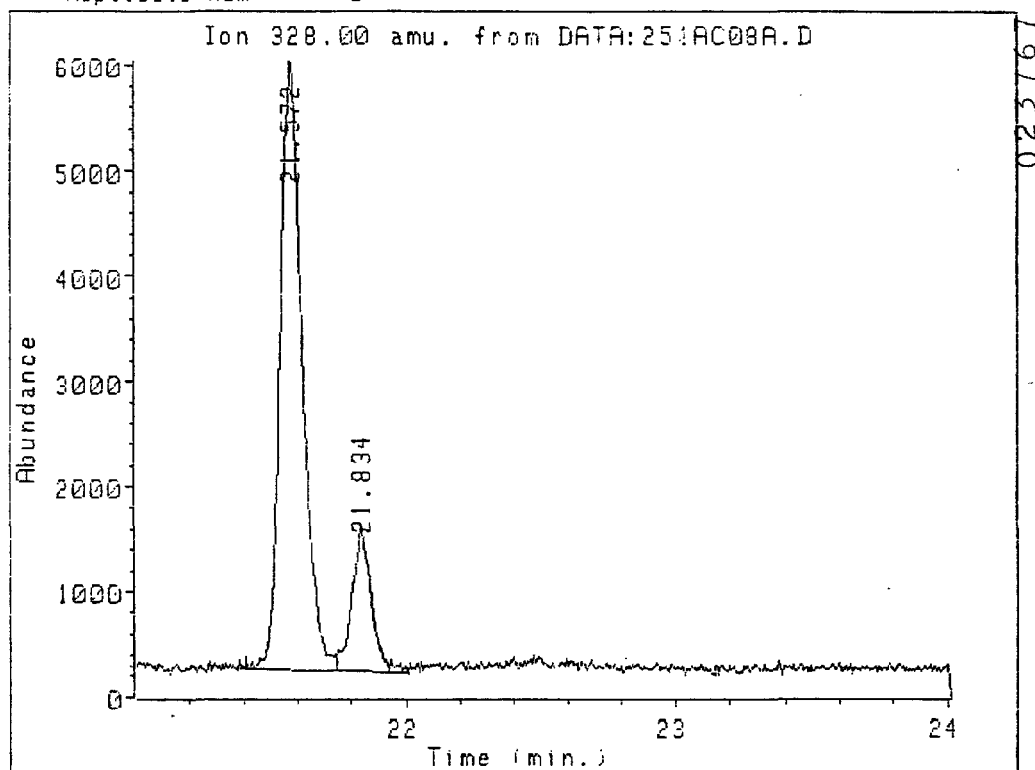
12~
Data file: DATA:251AC08A.D
File type: GC / MS DATA FILE

4 2040

Name Info: 2060
Misc Info:
Operator : TMS

Date : 7 Sep 88 9:36 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 8
Replicate num : 1



Ion 328.00 amu. from DATA:251AC08A.D
2060

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.572	BU	0.083	324320	21.405	21.745
2	21.834	UB	0.066	66281	21.745	22.010

03223978

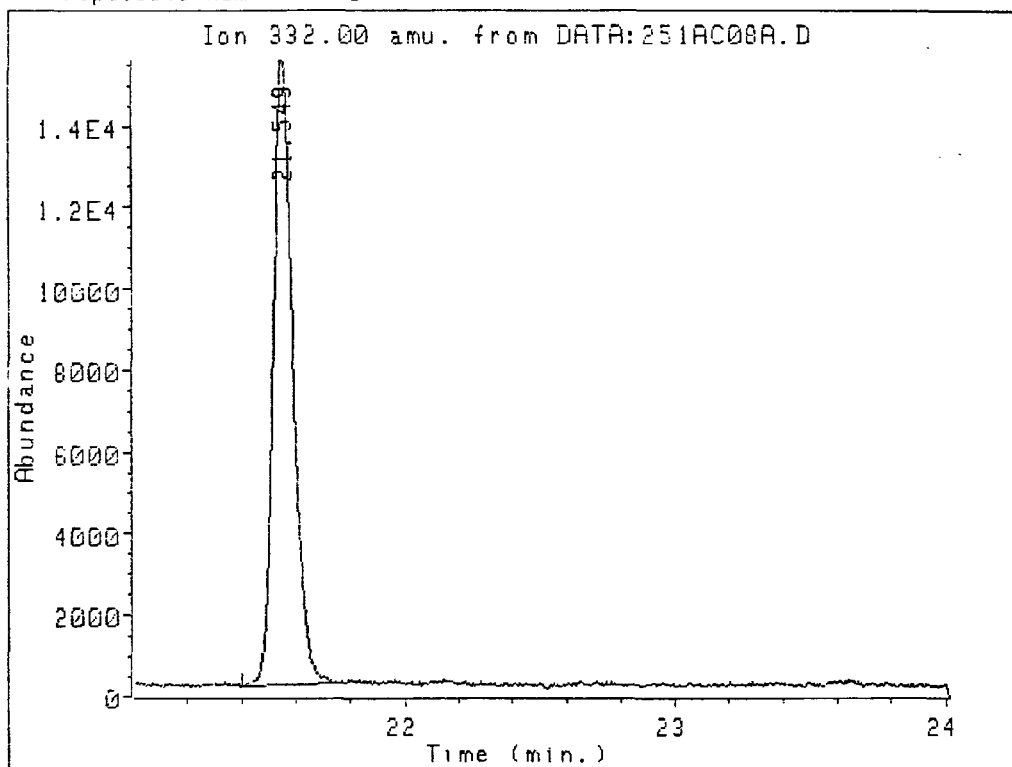
123
Data file: DATA:251AC08A.D
File type: GC / MS DATA FILE

4 2041

Name Info: 2060
Misc Info:
Operator : TMS

Date : 7 Sep 88 9:36 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 8
Replicate num : 1



Ion 332.00 amu. from DATA:251AC08A.D
2060

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.549	BU	0.072	740418	21.399	21.775

03223979

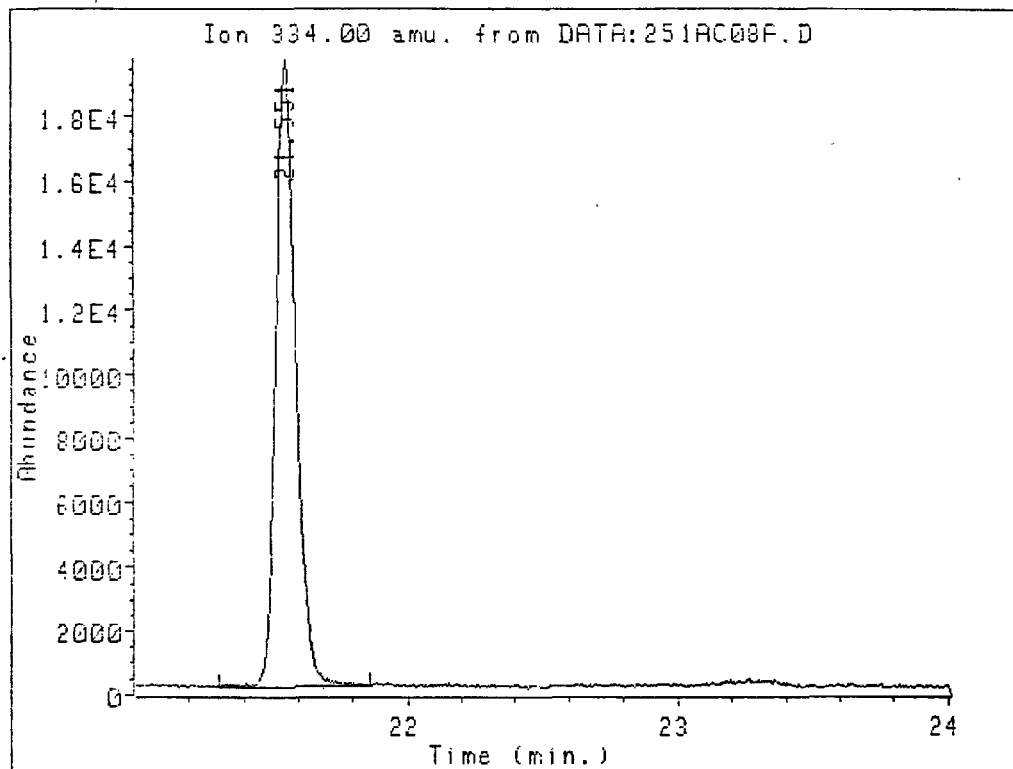
Data file: DATA:251AC08A.D
File type: GC / MS DATA FILE

4 2042

Name Info: 2060
Misc Info:
Operator : TMS

Date : 7 Sep 88 9:36 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 8
Replicate num : 1



Ion 334.00 amu. from DATA:251AC08A.D
2060

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.551	BU	0.073	949189	21.306	21.860

03223960

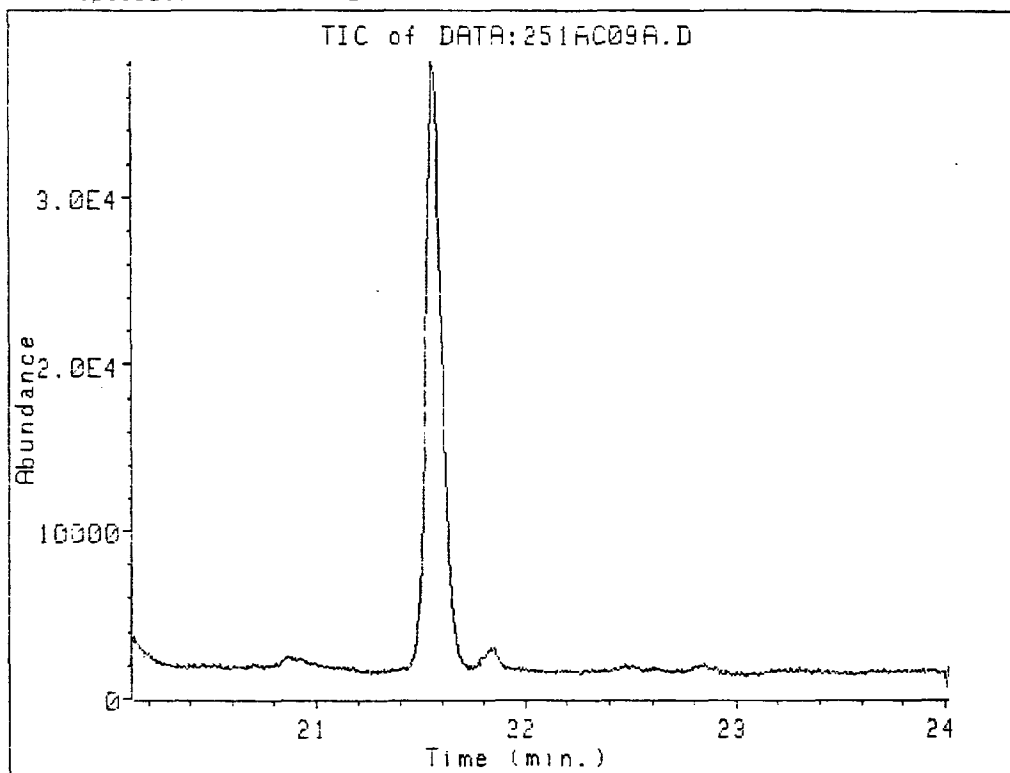
Data file: DATA:251AC09A.D
File type: GC / MS DATA FILE

4 2043

Name Info: SOIL SPIKE
Misc Info:
Operator : TMS

Date : 7 Sep 88 10:09 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
His bottle num : 9
Replicate num : 1



03223981

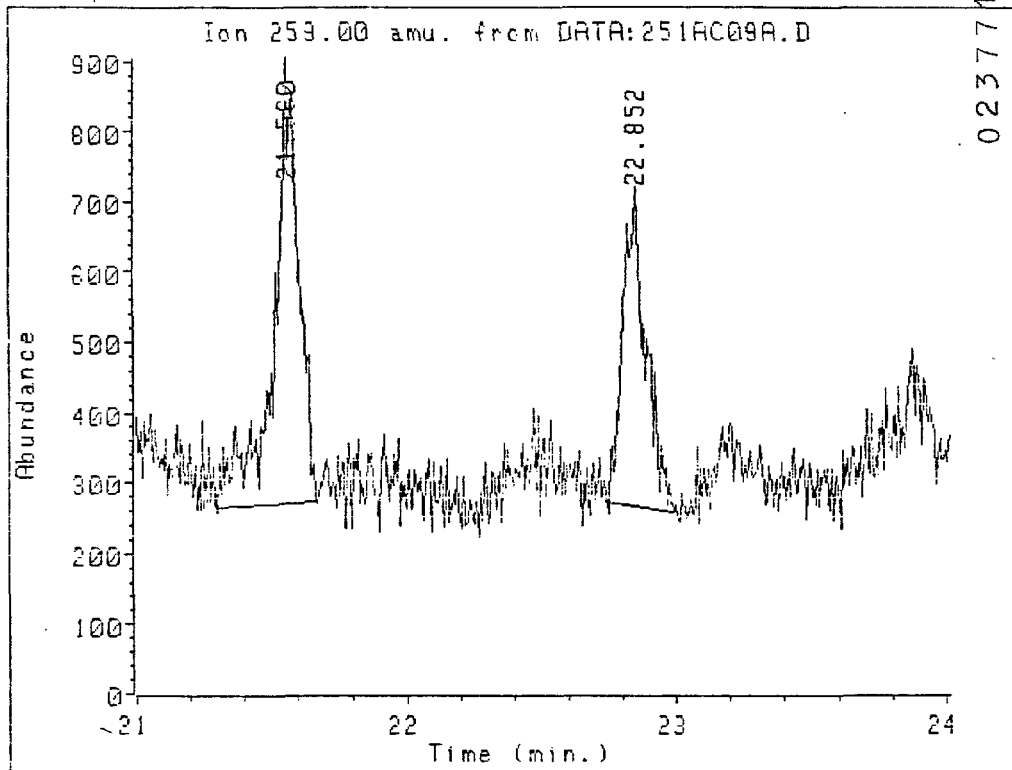
Data file: DATA:251AC09A.D
File type: GC / MS DATA FILE

4 2044

Name Info: SOIL SPIKE
Misc Info:
Operator : TMS

Date : 7 Sep 88 10:09 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 9
Replicate num : 1



Ion 259.00 amu. from DATA:251AC09A.D
SOIL SPIKE

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.560	BU	0.100	41473	21.299	21.673
2	22.852	BB	0.074	26561	22.746	22.994

03223982

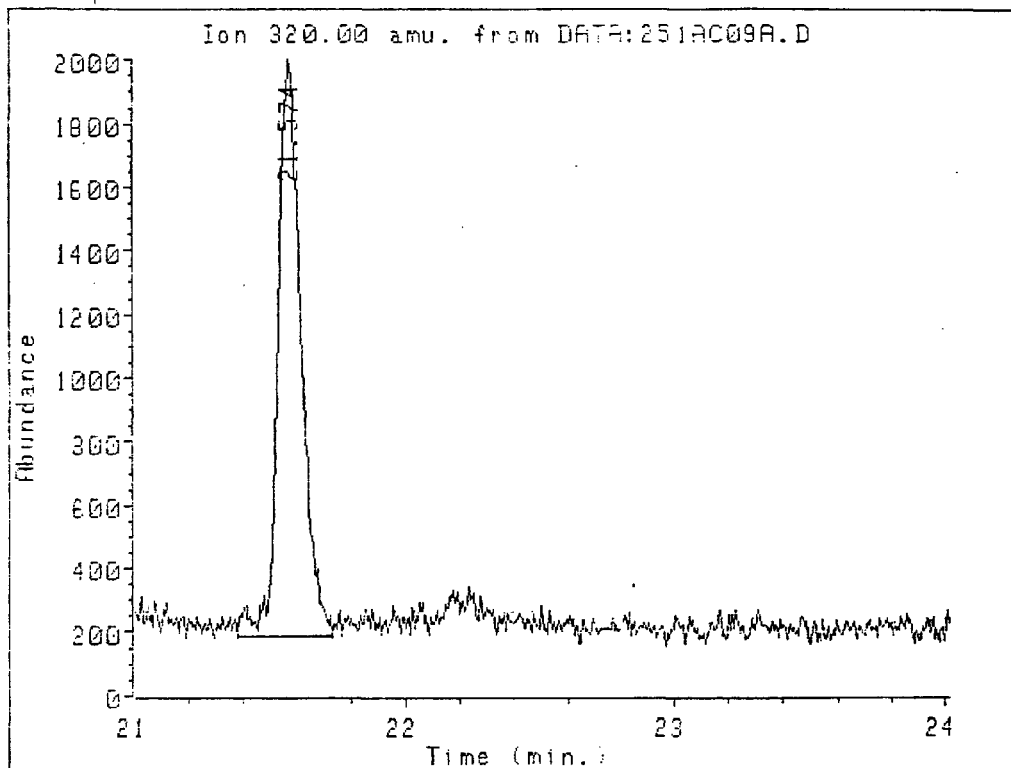
Data file: DATA:251AC09A.D
File type: GC / MS DATA FILE

4 2045

Name Info: SOIL SPIKE
Misc Info:
Operator : TMS

Date : 7 Sep 88 10:09 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 9
Replicate num : 1



Ion 320.00 amu. from DATA:251AC09A.D
SOIL SPIKE

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.574	BB	0.088	109488	21.382	21.731

03223983

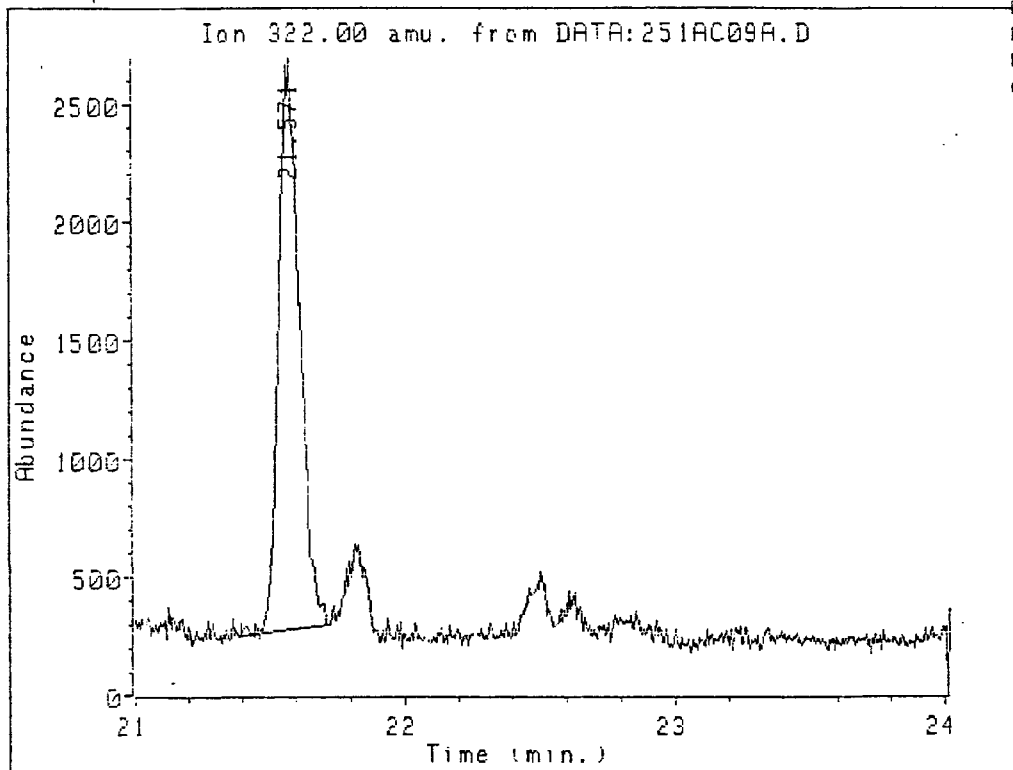
12
Data file: DATA:251AC09A.D
File type: GC / MS DATA FILE

4 2046

Name Info: SOIL SPIKE
Misc Info:
Operator : TMS

Date : 7 Sep 88 10:09 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 9
Replicate num : 1



Ion 322.00 amu. from DATA:251AC09A.D
SOIL SPIKE

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.571	BV	0.080	130870	21.391	21.725

03223984

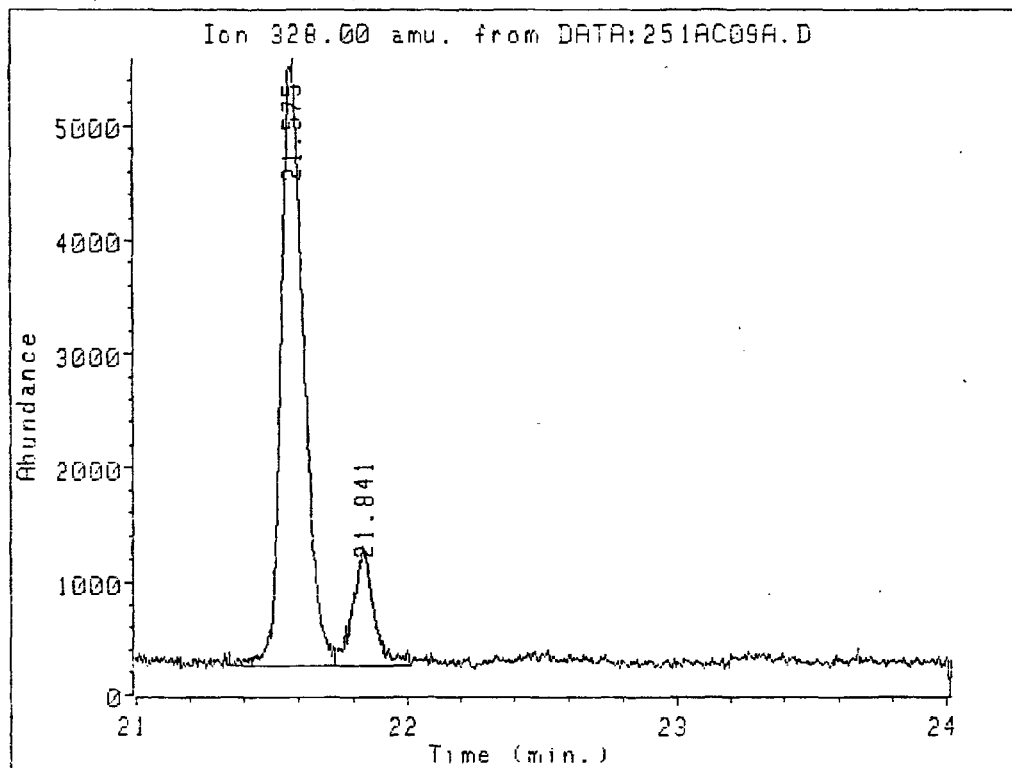
Data file: DATA:251AC09A.D
File type: GC / MS DATA FILE

4 2047

Name Info: SOIL SPIKE
Misc Info:
Operator : TMS

Date : 7 Sep 88 10:09 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
ALS bottle num : 9
Replicate num : 1



Ion 328.00 amu. from DATA:251AC09A.D
SOIL SPIKE

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.575	BU	0.086	306651	21.348	21.731
2	21.841	UB	0.082	57710	21.731	22.013

03223985

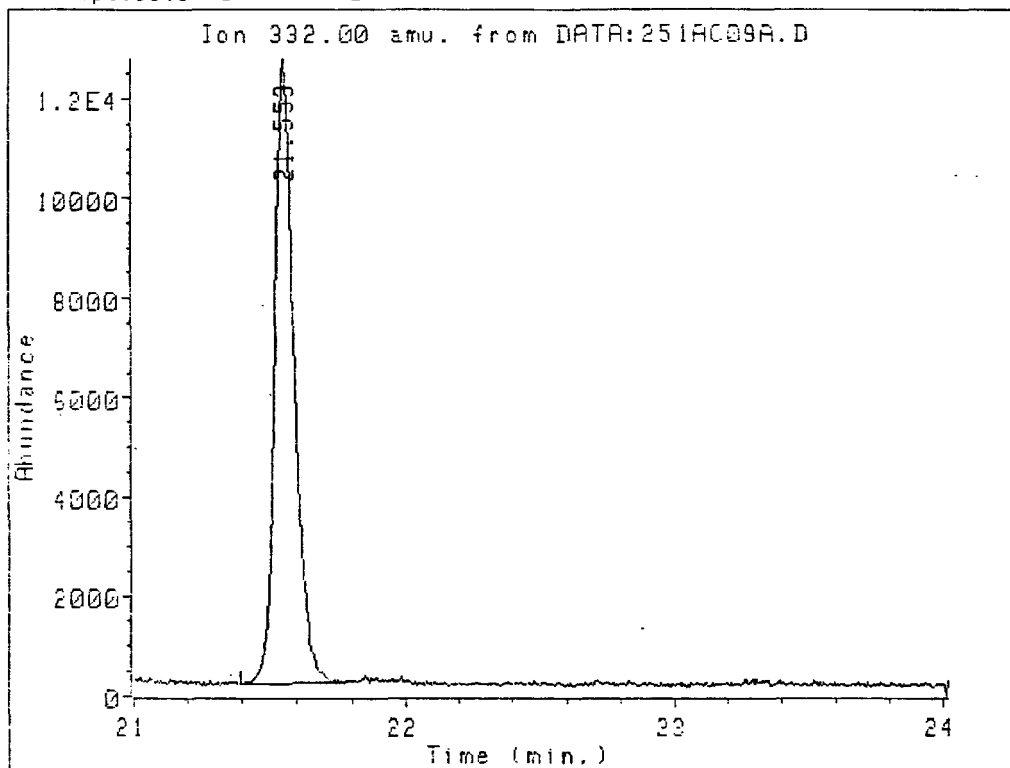
Data file: DATA:251AC09A.D
File type: GC / MS DATA FILE

4-2048

Name Info: SOIL SPIKE
Misc Info:
Operator : TMS

Date : 7 Sep 88 10:09 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 9
Replicate num : 1



Ion 332.00 amu. from DATA:251AC09A.D
SOIL SPIKE

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.553	BV	0.075	623217	21.391	21.774

03223986

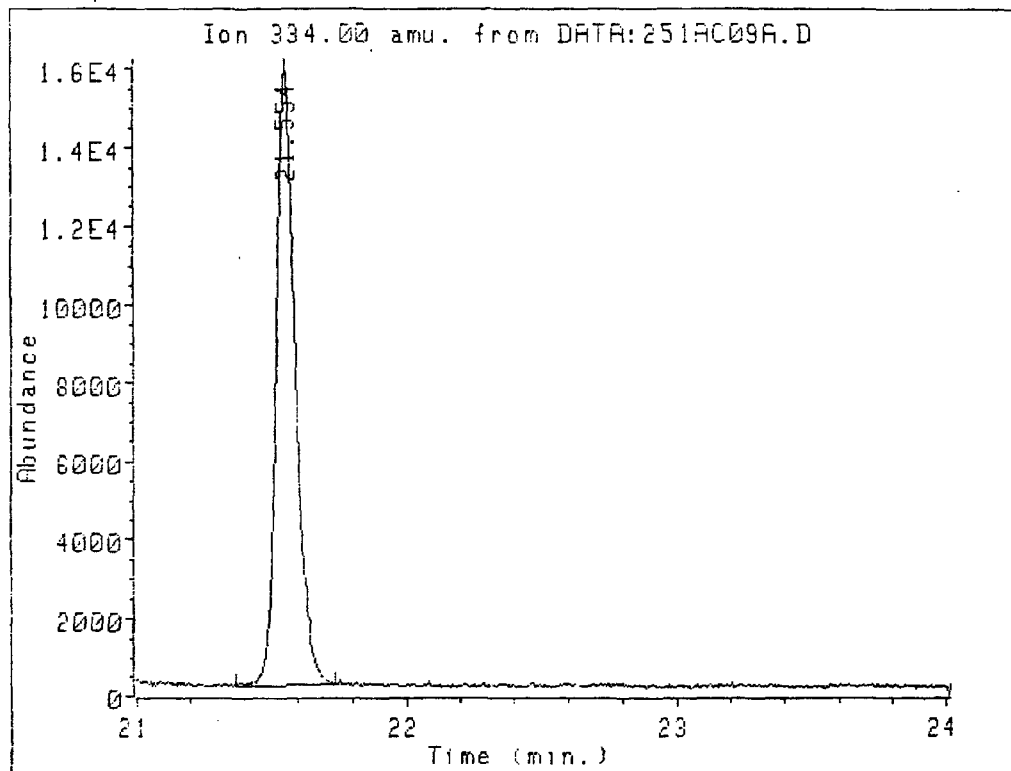
Data file: DATA:251AC09A.D
File type: GC / MS DATA FILE

4 2049

Name Info: SOIL SPIKE
Misc Info:
Operator : TMS

Date : 7 Sep 88 10:09 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 9
Replicate num : 1



Ion 334.00 amu. from DATA:251AC09A.D
SOIL SPIKE

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.554	BU	0.074	788052	21.370	21.737

03223987

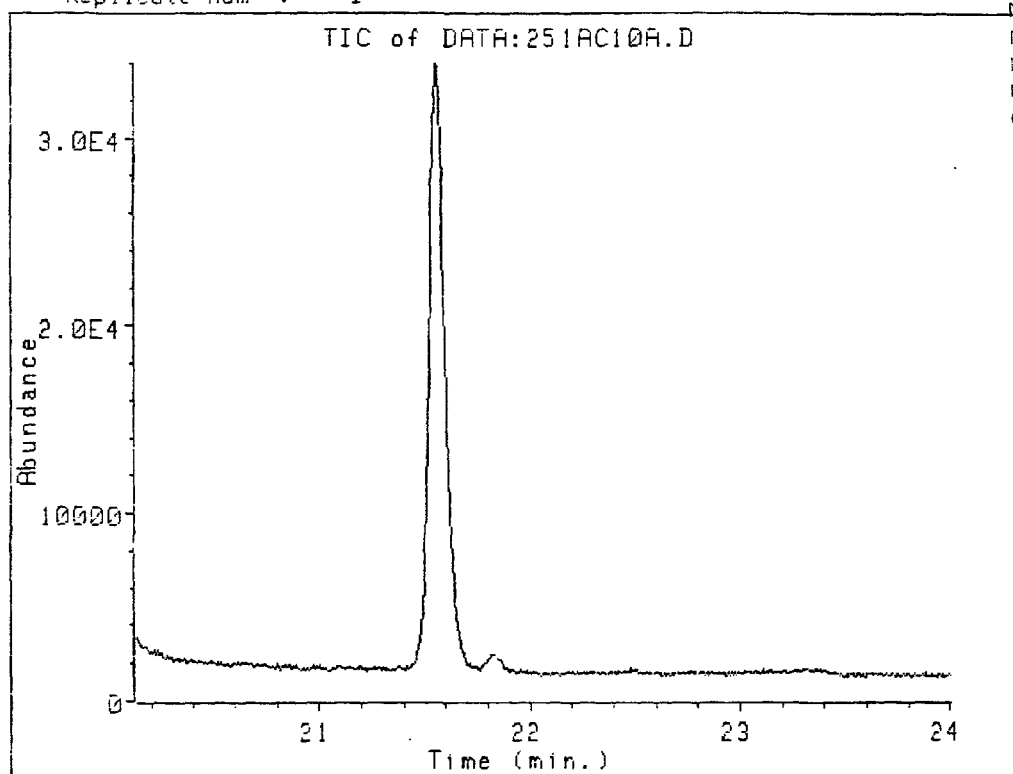
100
Data file: DATA:251AC10A.D
File type: GC / MS DATA FILE

4 2050

Name Info: 2096
Misc Info:
Operator : TMS

Date : 7 Sep 88 10:42 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 10
Replicate num : 1



03223968

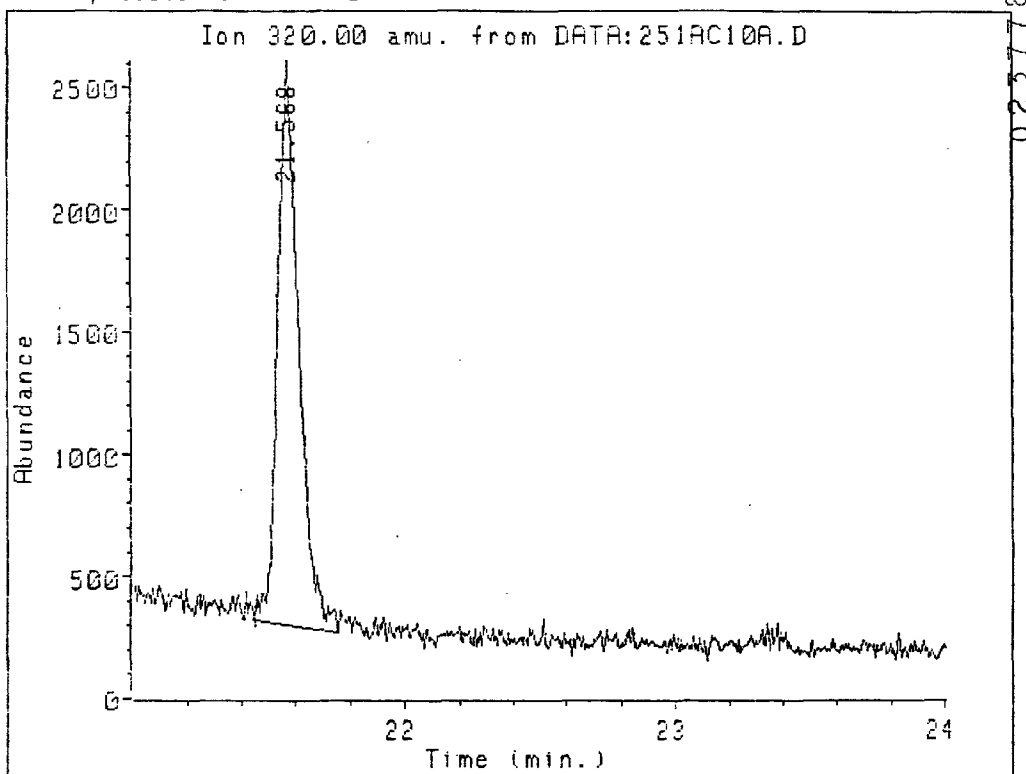
133
Data file: DATA:251AC10A.D
File type: GC / MS DATA FILE

4 2051

Name Info: 2096
Misc Info:
Operator : TMS

Date : 7 Sep 88 10:42 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 10
Replicate num : 1



Ion 320.00 amu. from DATA:251AC10A.D
2096

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.568	BB	0.077	126013	21.450	21.763

03223989

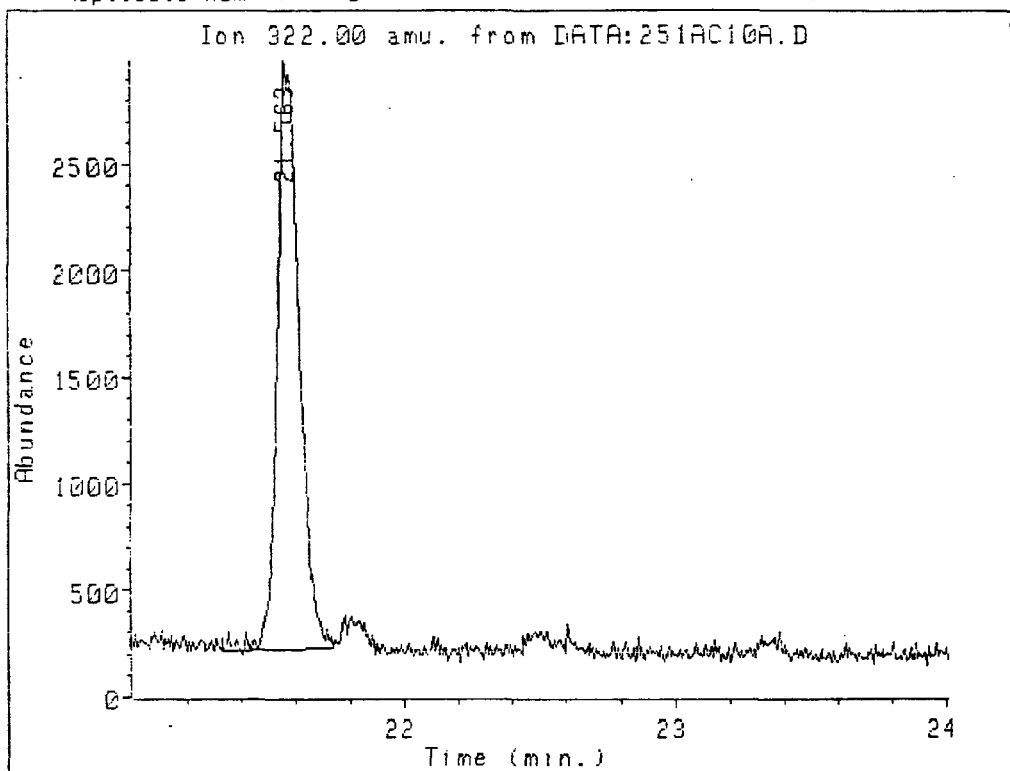
134
Data file: DATA:251AC10A.D
File type: GC / MS DATA FILE

4 2052

Name Info: 2096
Misc Info:
Operator : TMS

Date : 7 Sep 88 10:42 pm
Instrument: MS_5970
inlet : GC

Sequence index : 3
ALS bottle num : 10
Replicate num : 1



Ion 322.00 amu. from DATA:251AC10A.D
2096

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.563	BV	0.084	157681	21.330	21.739

03223990

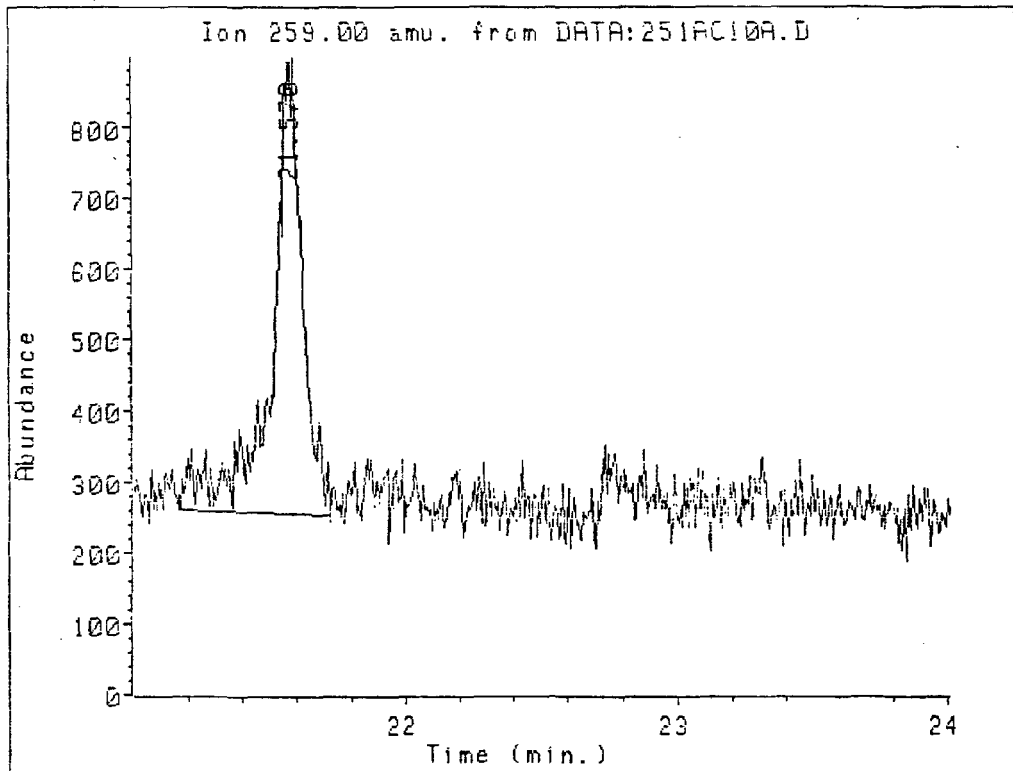
135
Data file: DATA:251AC10A.D
File type: GC / MS DATA FILE

4 2053

Name Info: 2096
Misc Info:
Operator : TMS

Date : 7 Sep 88 10:42 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 10
Replicate num : 1



Ion 259.00 amu. from DATA:251AC10A.D
2096

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.570	BB	0.104	51493	21.167	21.721

03223991

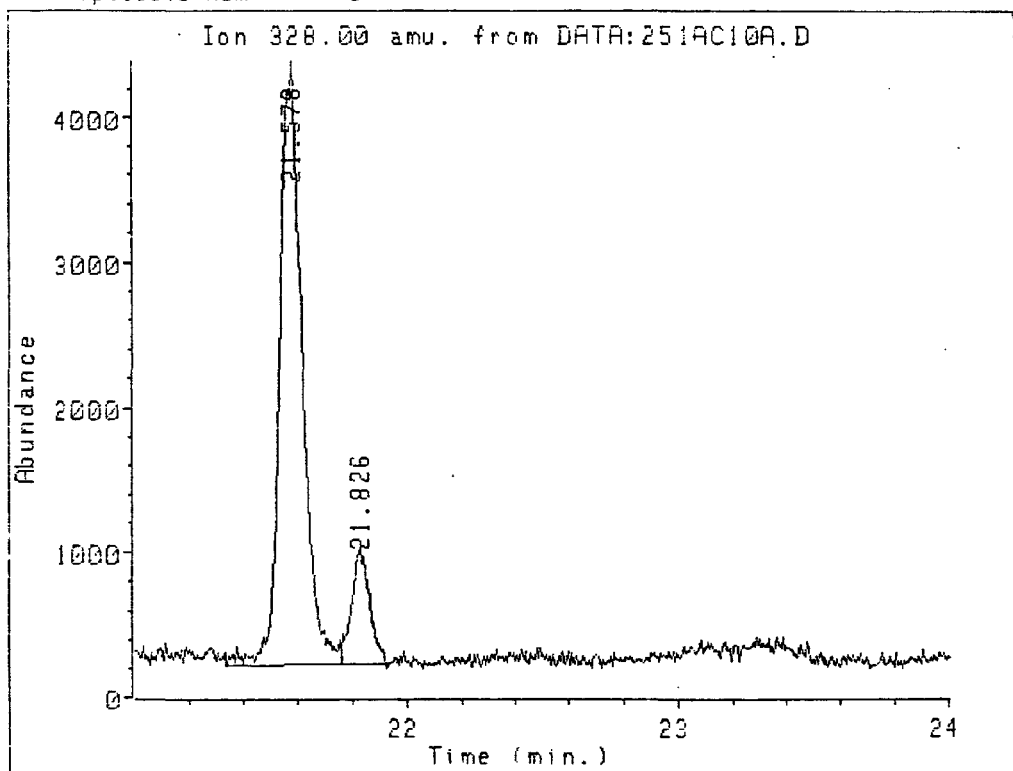
36
Data file: DATA:251AC10A.D
File type: GC / MS DATA FILE

4 2054

Name Info: 2096
Misc Info:
Operator : TMS

Date : 7 Sep 88 10:42 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 10
Replicate num : 1



Ion 328.00 amu. from DATA:251AC10A.D
2096

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.578	BU	0.073	241605	21.339	21.763
2	21.826	UU	0.067	37205	21.763	21.931

03223992

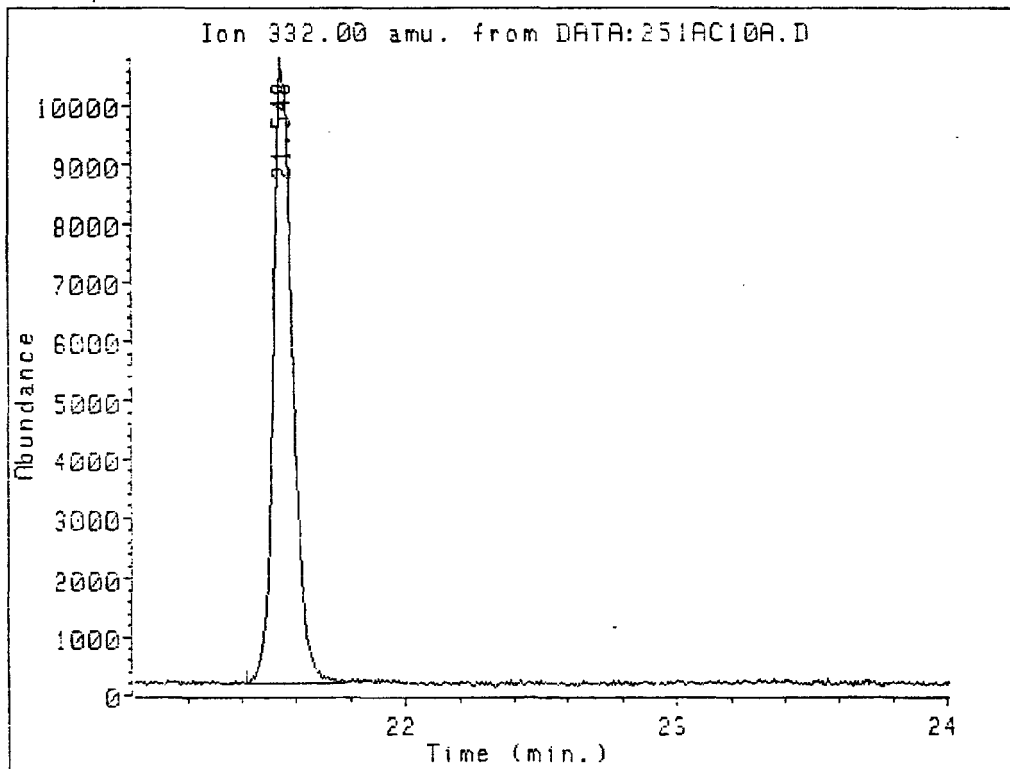
137. :
Data file: DATA:251AC10A.D
File type: GC / MS DATA FILE

4 2055

Name Info: 2096
Misc Info:
Operator : TMS

Date : 7 Sep 88 10:42 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Hls bottle num : 10
Replicate num : 1



Ion 332.00 amu. from DATA:251AC10A.D
2096

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.548	BV	0.078	531049	21.420	21.781

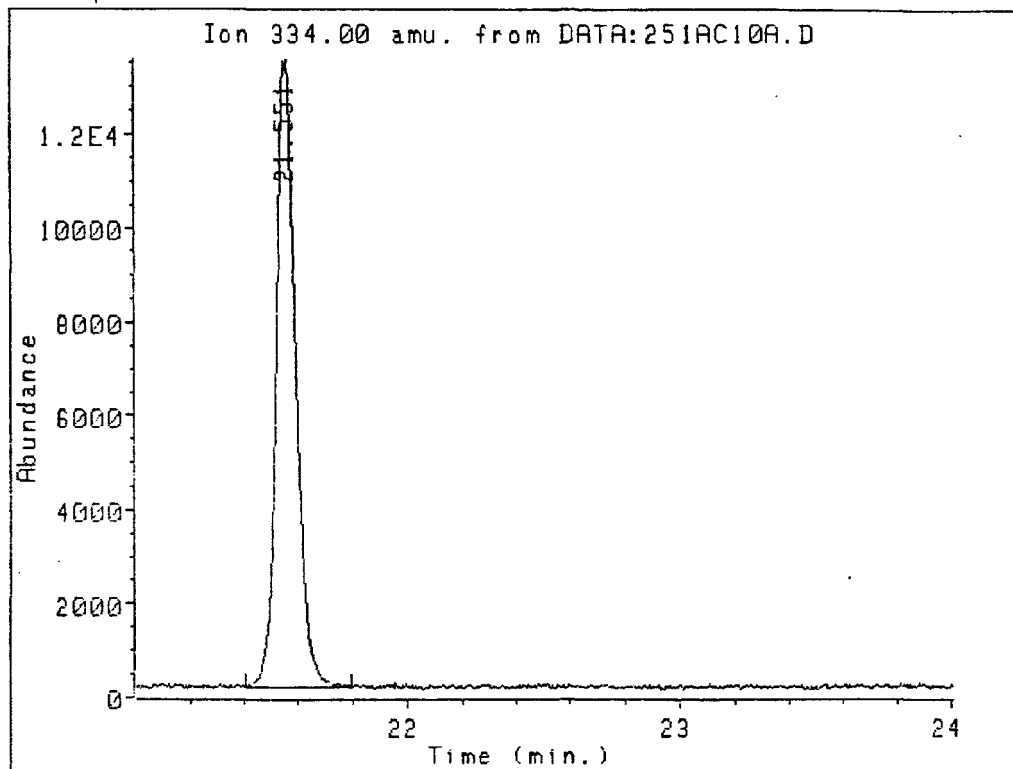
03223993

Data file: DATA:251AC10A.D
File type: GC / MS DATA FILE

Name Info: 2096
Misc Info:
Operator : TMS

Date : 7 Sep 88 10:42 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 10
Replicate num : 1



023783

Ion 334.00 amu. from DATA:251AC10A.D
2096

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.551	BB	0.078	673119	21.405	21.796

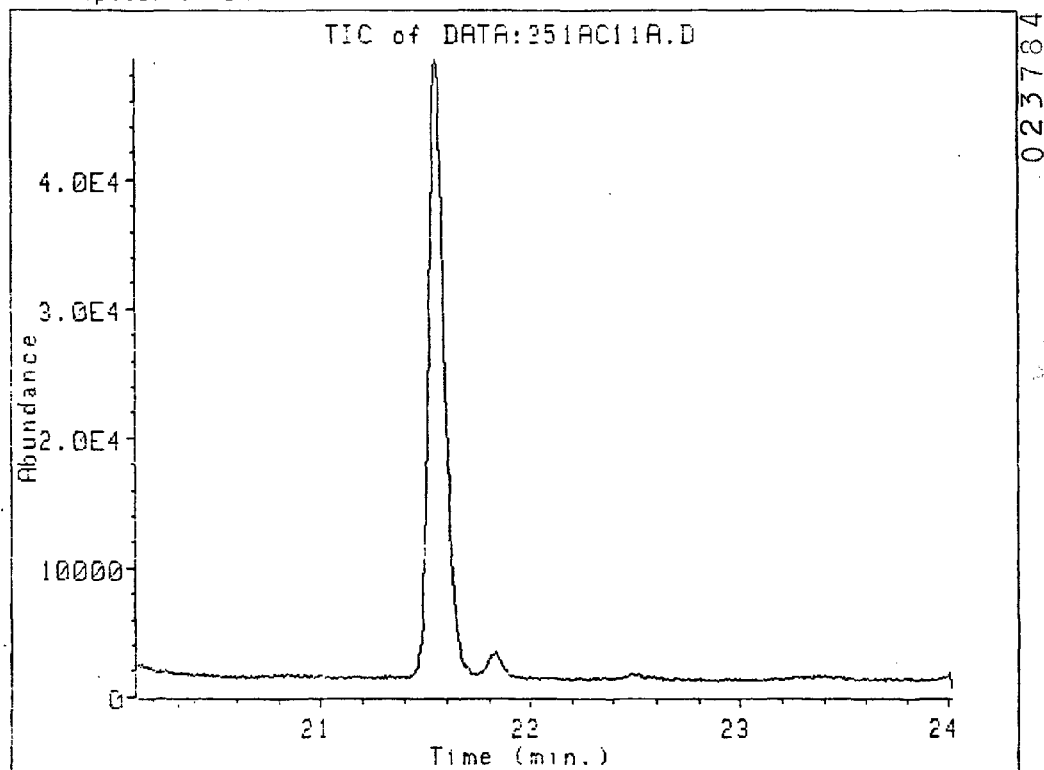
139
Data file: DATA:251AC11A.D
File type: GC / MS DATA FILE

4 2057

Name info: 2107
Misc Info:
Operator : TMS

Date : 7 Sep 88 11:15 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 11
Replicate num : 1



03223995

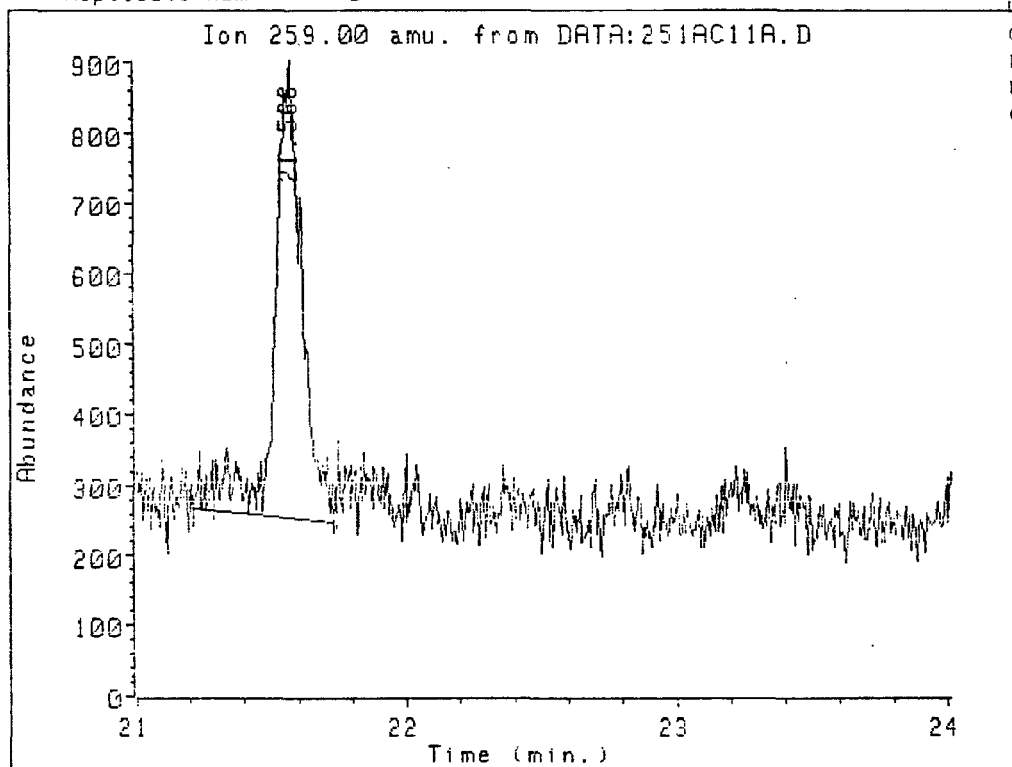
140
Data file: DATA:251AC11A.D
File type: GC / MS DATA FILE

4 2058

Name Info: 2107
Misc Info:
Operator : TMS

Date : 7 Sep 88 11:15 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 11
Replicate num : 1



Ion 259.00 amu. from DATA:251AC11A.D
2107

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.566	BB	0.097	45176	21.214	21.732

03223996

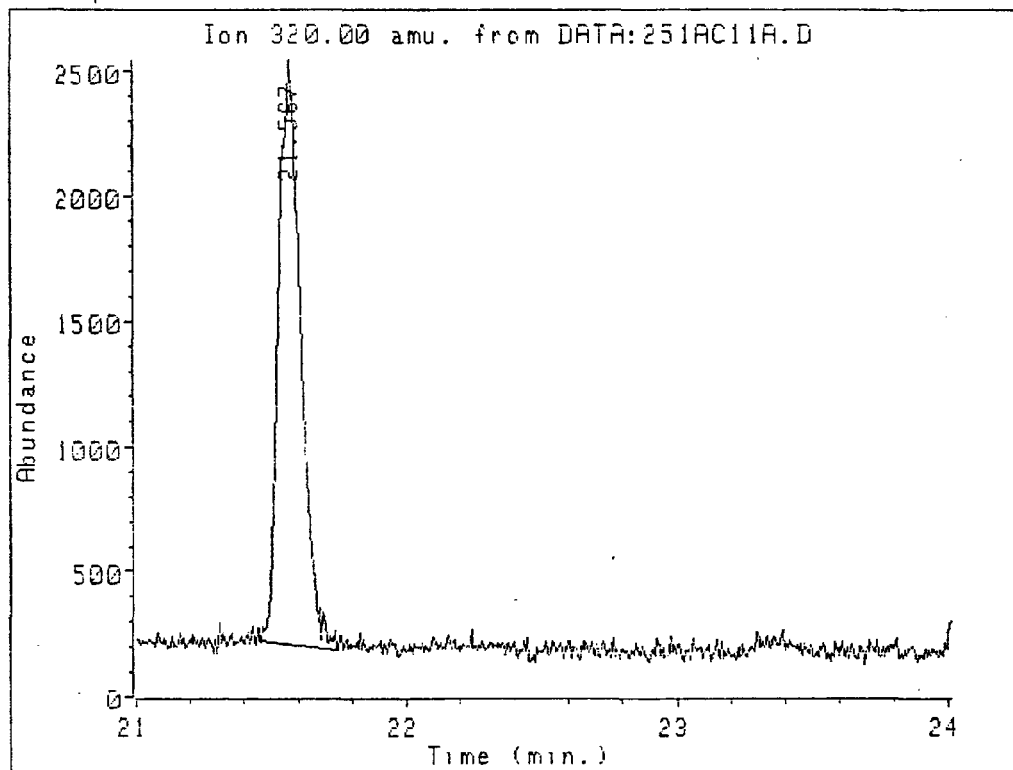
Data file: DATA:251AC11A.D
File type: GC / MS DATA FILE

4 2059

Name Info: 2107
Misc Info:
Operator : TMS

Date : 7 Sep 88 11:15 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 11
Replicate num : 1



023786

Ion 320.00 amu. from DATA:251AC11A.D
2107

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.567	BB	0.074	129587	21.459	21.747

03223997

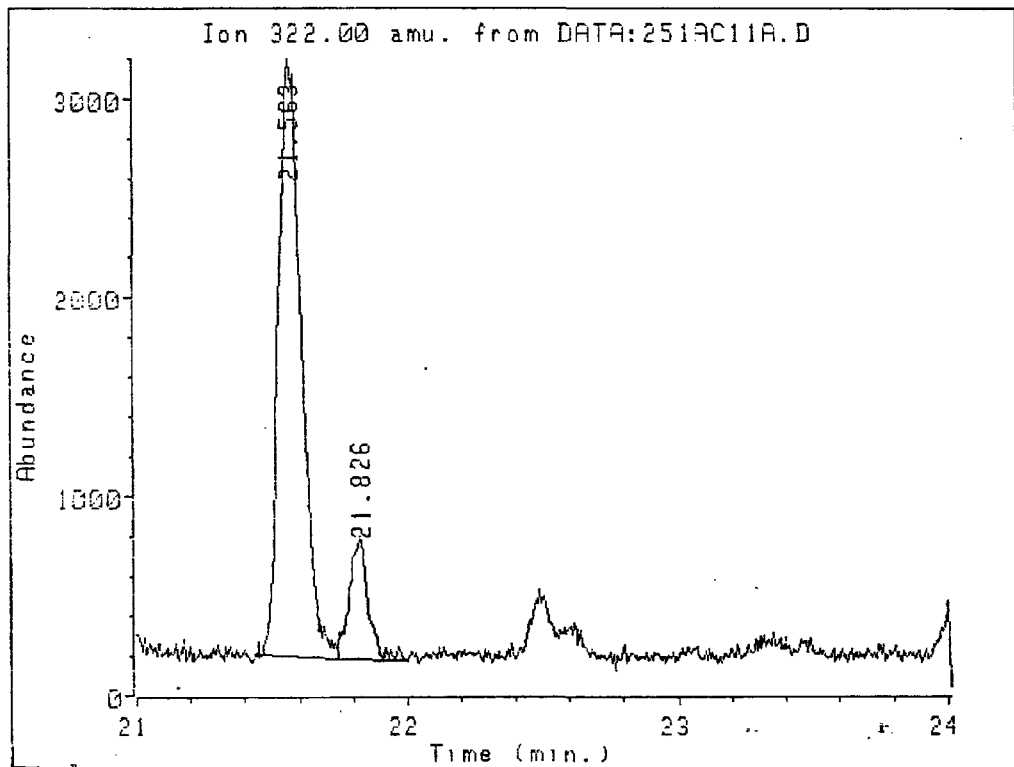
142
Data file: DATA:251AC11A.D
File type: GC / MS DATA FILE

4 2060

Name Info: 2107
Misc Info:
Operator : TMS

Date : 7 Sep 88 11:15 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
File bottle num : 11
Replicate num : 1



023787

Ion 322.00 amu. from DATA:251AC11A.D
2107

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.563	BU	0.081	171487	21.453	21.741
2	21.826	UB	0.067	30517	21.741	21.995

03223998

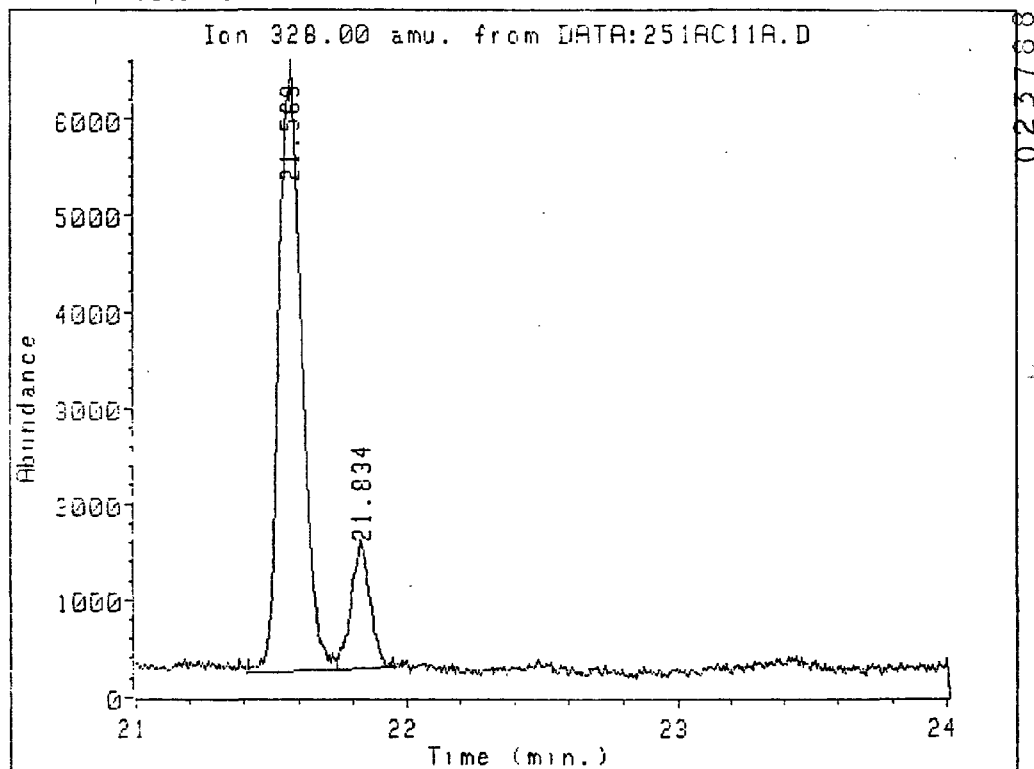
143
Data file: DATA:251AC11A.D
File type: GC / MS DATA FILE

4 2061

Name Info: 2107
Misc Info:
Operator : TMS

Date : 7 Sep 88 11:15 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 11
Replicate num : 1



Ion 328.00 amu. from DATA:251AC11A.D
2107

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.569	BV	0.087	357893	21.416	21.744
2	21.834	UB	0.065	63924	21.744	21.953

03223999

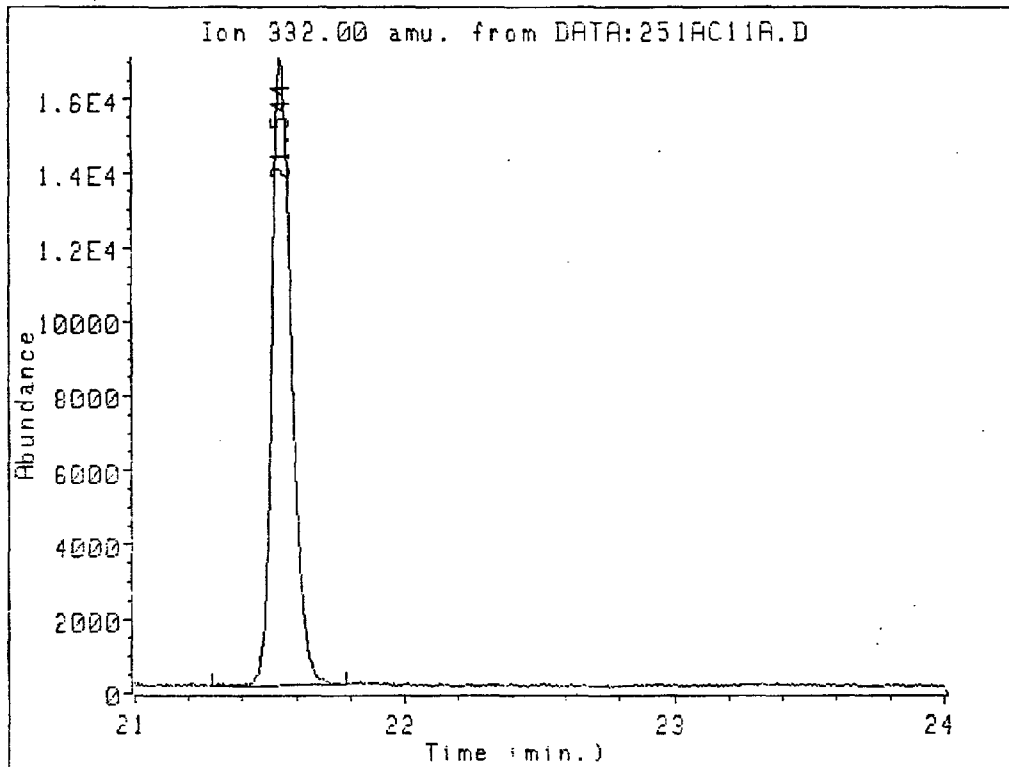
144
Data file: DATA:251AC11A.D
File type: GC / MS DATA FILE

4 2062

Name Info: 2107
Misc Info:
Operator : TMS

Date : 7 Sep 88 11:15 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
ALS bottle num : 11
Replicate num : 1



023789

Ion 332.00 amu. from DATA:251AC11A.D
2107

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.544	BU	0.076	832741	21.291	21.781

03224000

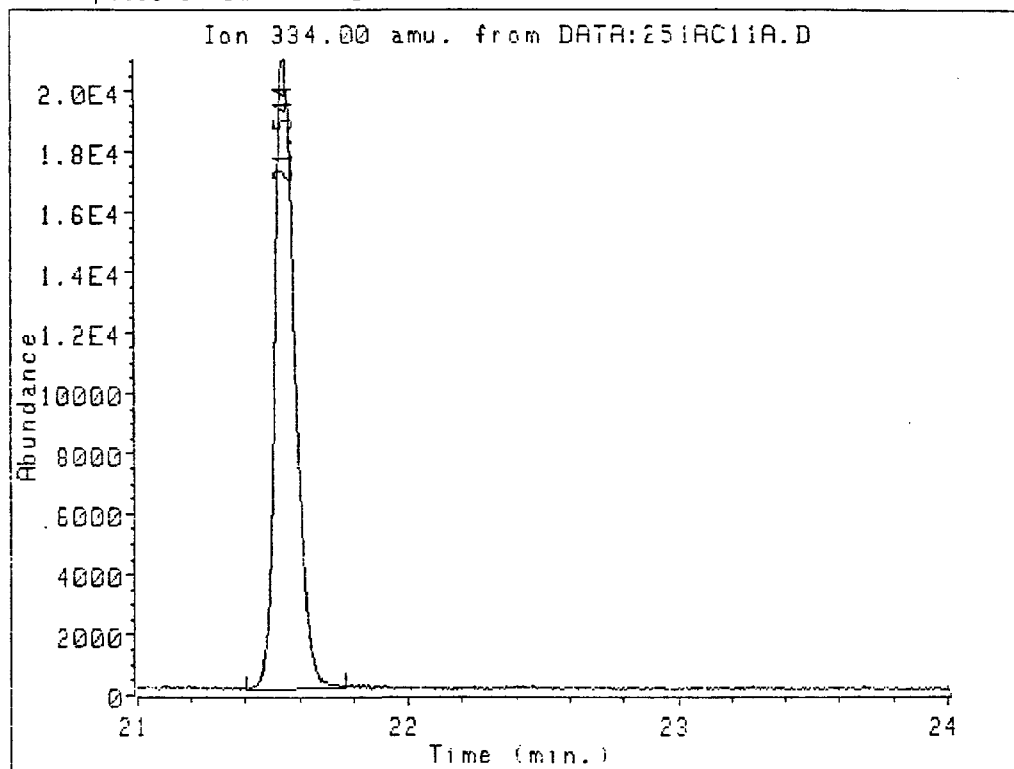
145
Data file: DATA:251AC11A.D
File type: GC / MS DATA FILE

4 2063

Name Info: 2107
Misc Info:
Operator : TMS

Date : 7 Sep 88 11:15 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 11
Replicate num : 1



Ion 334.00 amu. from DATA:251AC11A.D
2107

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.544	BU	0.077	1046660	21.407	21.775

03224001

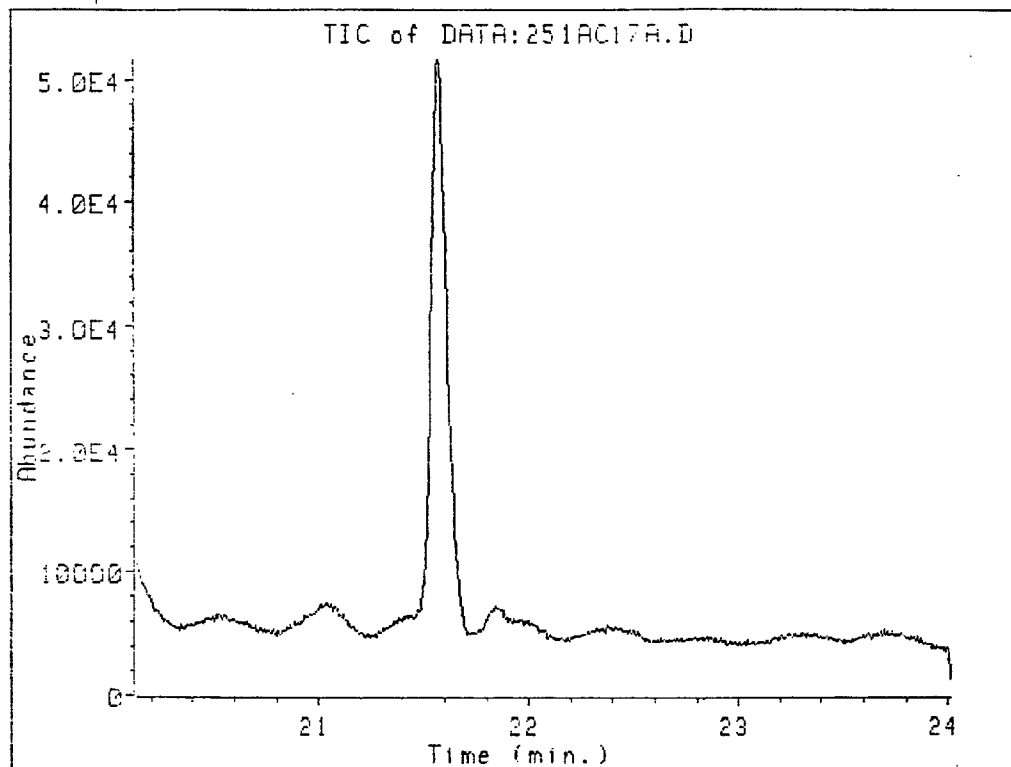
Data file: DATA:251AC17A.D
File type: GC / MS DATA FILE

4 2064

Name Info: 2260
Misc Info:
Operator : TMS

Date : 8 Sep 88 2:32 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
ALS bottle num : 17
Replicate num : 1



03224002

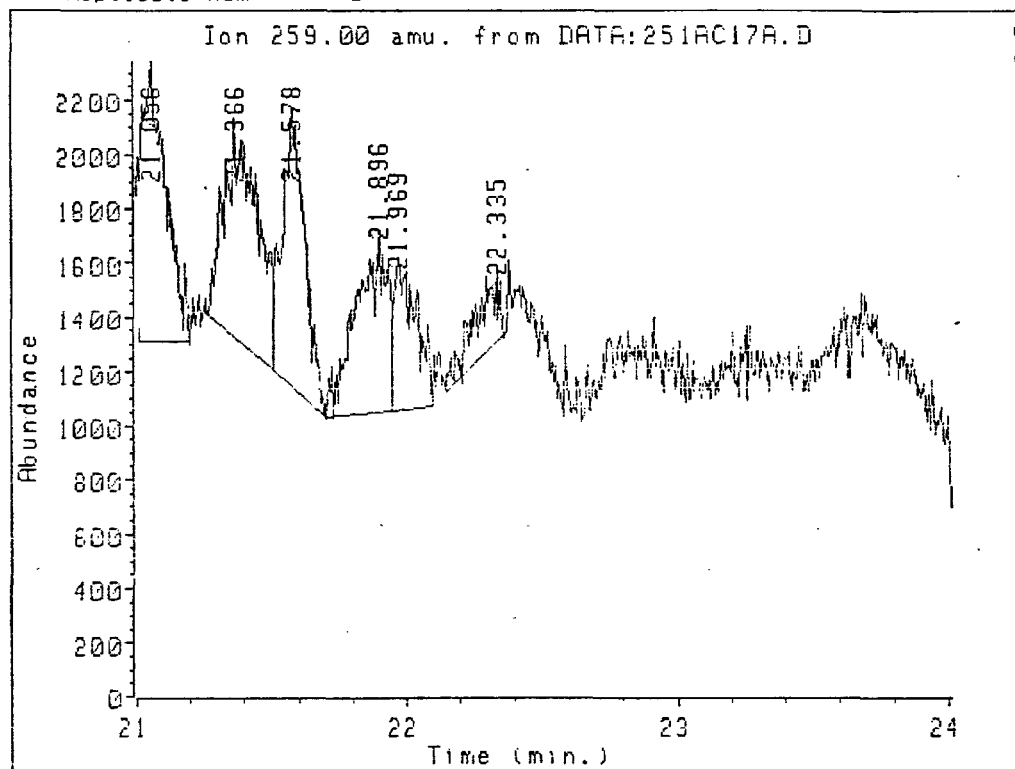
Data file: DATA:251AC17A.D
File type: GC / MS DATA FILE

4 2065

Name Info: 2260
Misc Info:
Operator : TMS

Date : 8 Sep 88 2:32 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 17
Replicate num : 1



Ion 259.00 amu. from DATA:251AC17A.D
2260

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.056	PH	0.081	62252	21.014	21.199
2	21.366	BU	0.133	68753	21.260	21.508
3	21.578	UU	0.076	58455	21.508	21.704
4	21.896	PU	0.101	50910	21.704	21.947
5	21.969	UU	0.099	31070	21.947	22.096
6	22.335	UU	0.090	16538	22.149	22.362

03224003

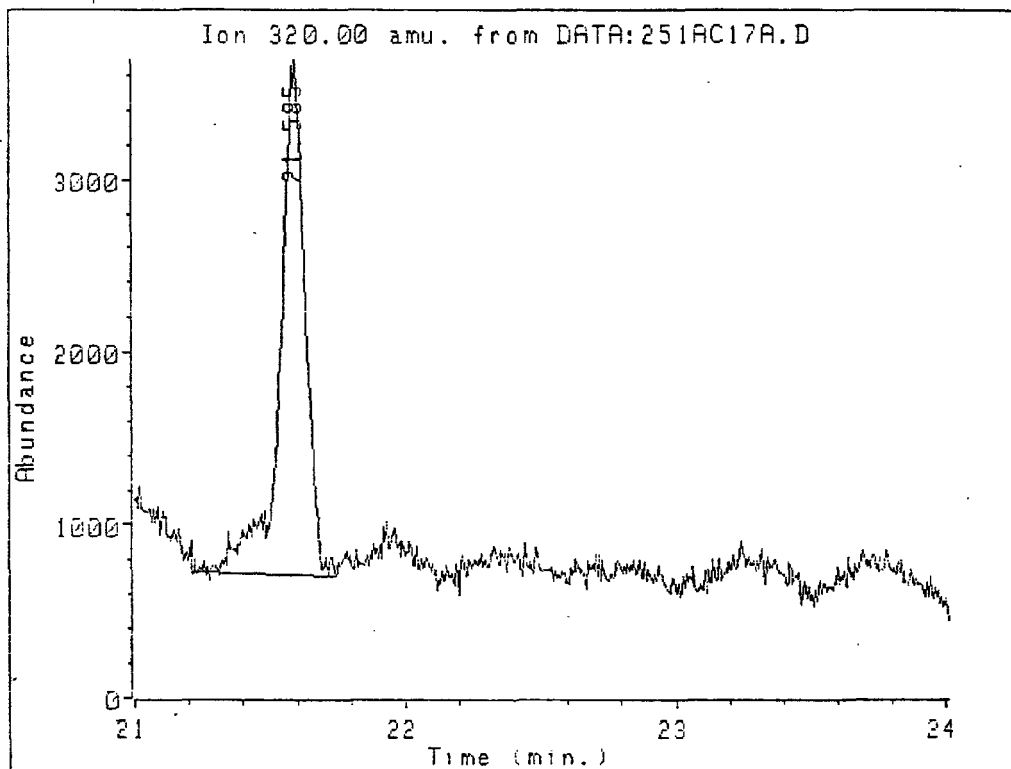
146
Data file: DATA:251AC17A.D
File type: GC / MS DATA FILE

4 2066

Name Info: 2260
Misc Info:
Operator : TMS

Date : 8 Sep 88 2:32 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
-is bottle num : 17
Replicate num : 1



Ion 320.00 amu. from DATA:251AC17A.D
2260

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.585	BU	0.091	190975	21.223	21.745

03224004

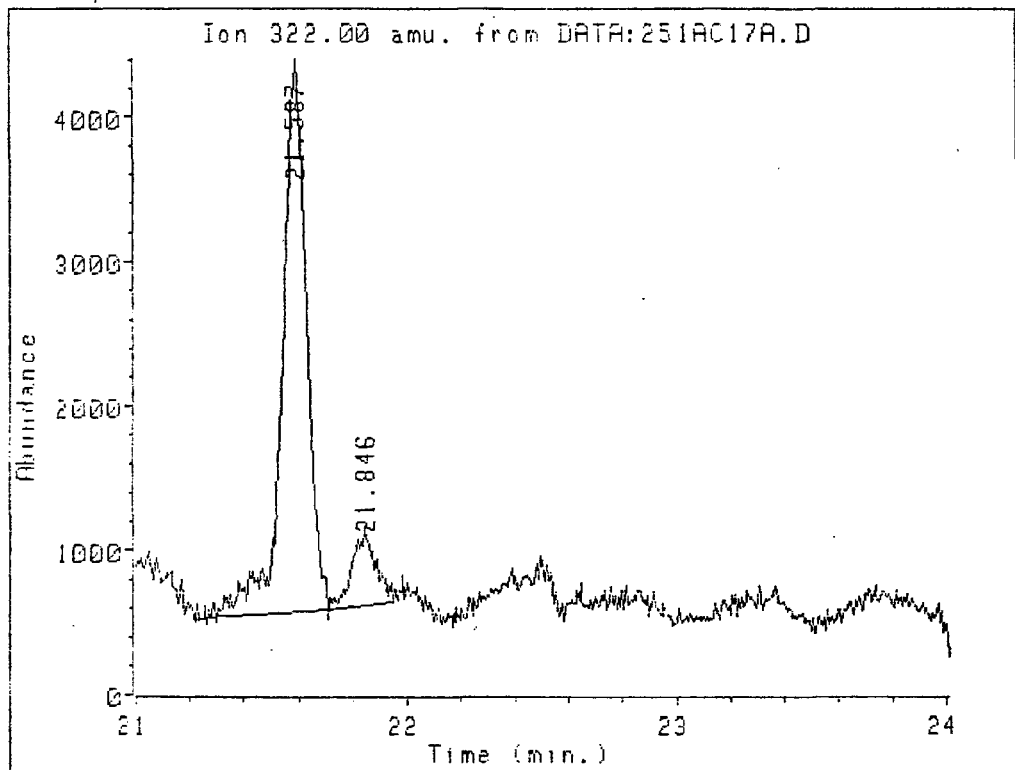
149
Data file: DATA:251AC17A.D
File type: GC / MS DATA FILE

4 2067

Name Info: 2260
Misc Info:
Operator : TMS

Date : 8 Sep 88 2:32 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 17
Replicate num : 1



Ion 322.00 amu. from DATA:251AC17A.D
2260

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.587	BU	0.091	234972	21.257	21.713
2	21.846	PV	0.076	30581	21.713	21.946

03224005

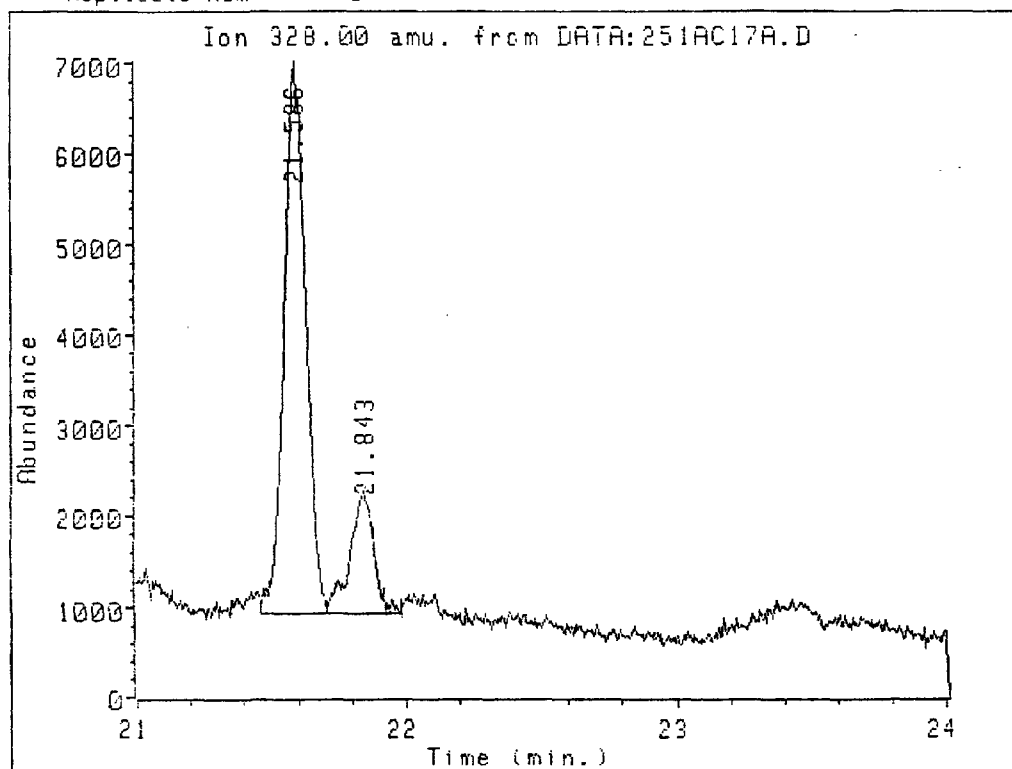
150
Data file: DATA:251AC17A.D
File type: GC / MS DATA FILE

4 2068

Name Info: 2260
Misc Info:
Operator : TMS

Date : 8 Sep 88 2:32 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 17
Replicate num : 1



Ion 328.00 amu. from DATA:251AC17A.D
2260

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.586	UU	0.082	333870	21.462	21.710
2	21.843	UU	0.086	79197	21.710	21.977

03224006

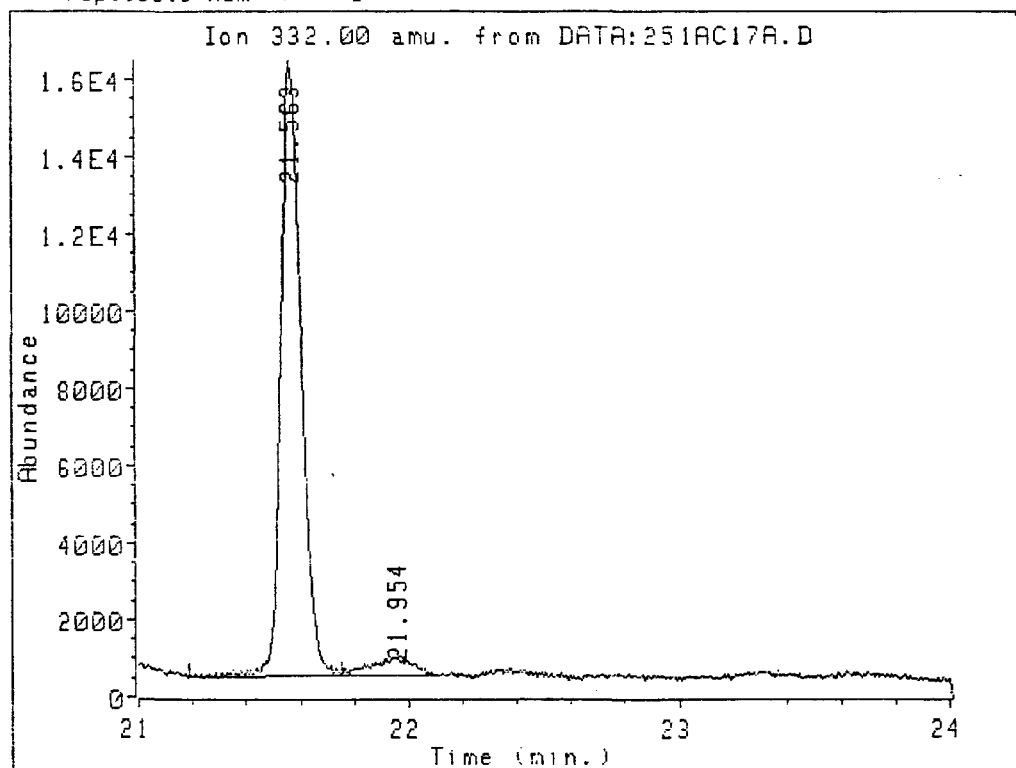
151
Data file: DATA:251AC17A.D
File type: GC / MS DATA FILE

4 2060

Name Info: 2260
Misc Info:
Operator : TMS

Date : 8 Sep 88 2:32 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 17
Replicate num : 1



Ion 332.00 amu. from DATA:251AC17A.D
2260

Peak#	Pet Time	Type	Width	Area	Start Time	End Time
1	21.563	UV	0.079	801326	21.189	21.756
2	21.954	UV	0.138	49439	21.756	22.096

03224007

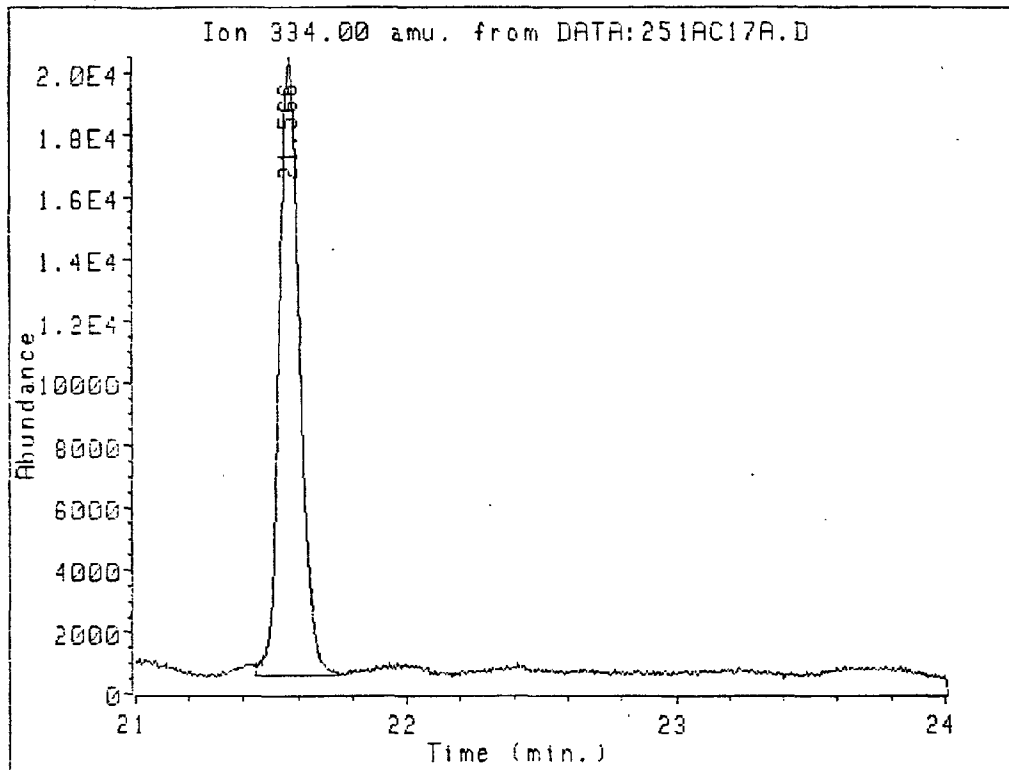
572
Data file: DATA:251AC17A.D
File type: GC / MS DATA FILE

4 2070

Name Info: 2260
Misc Info:
Operator : TMS

Date : 8 Sep 88 2:32 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 17
Replicate num : 1



Ion 334.00 amu. from DATA:251AC17A.D
2260

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.566	UV	0.077	1001701	21.447	21.756

023797

03224008

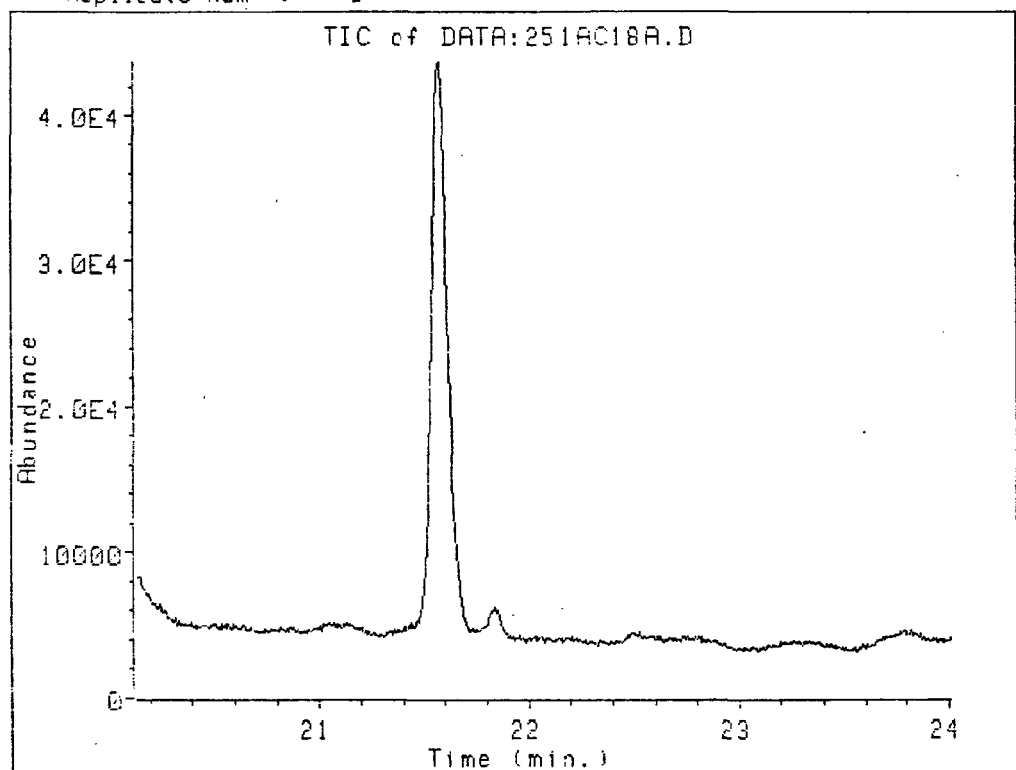
Data file: DATA:251AC18A.D
File type: GC / MS DATA FILE

Name Info: 2261
Misc Info:
Operator : TMS

4 2071

Date : 8 Sep 88 3:05 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 18
Replicate num : 1



03224009

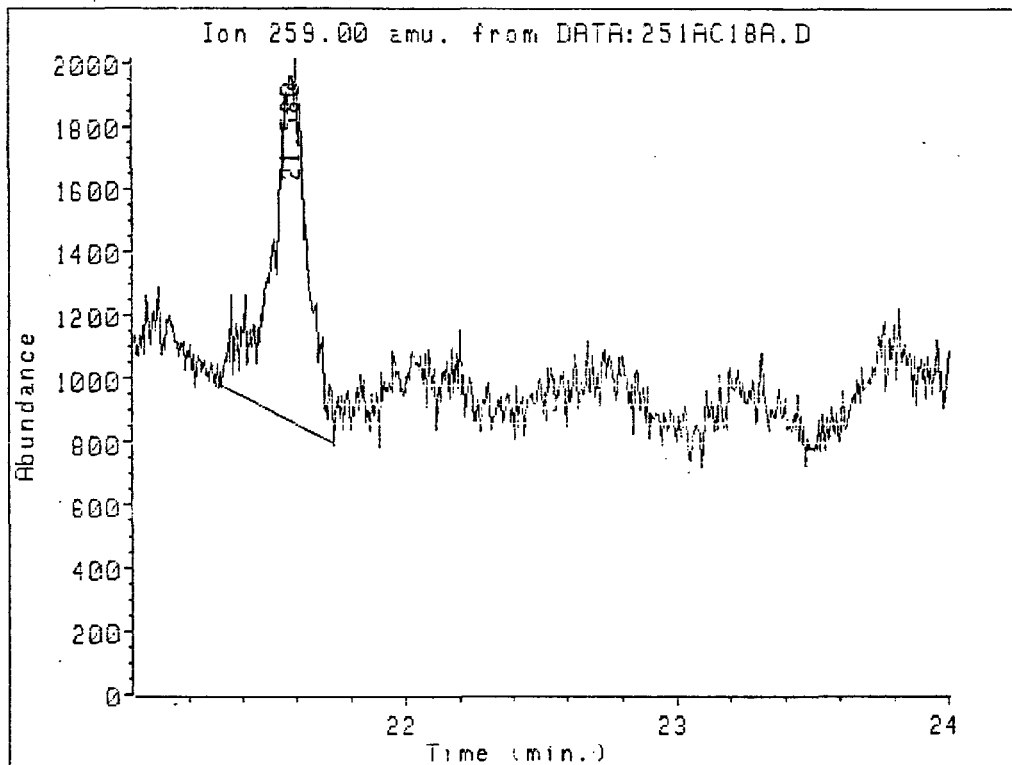
154
Data file: DATA:251AC18A.D
File type: GC / MS DATA FILE

4 2072

Name Info: 2261
Misc Info:
Operator : TMS

Date : 8 Sep 88 3:05 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 18
Replicate num : 1



Ion 259.00 amu. from DATA:251AC18A.D
2261

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.580	BU	0.124	104805	21.317	21.739

03224010

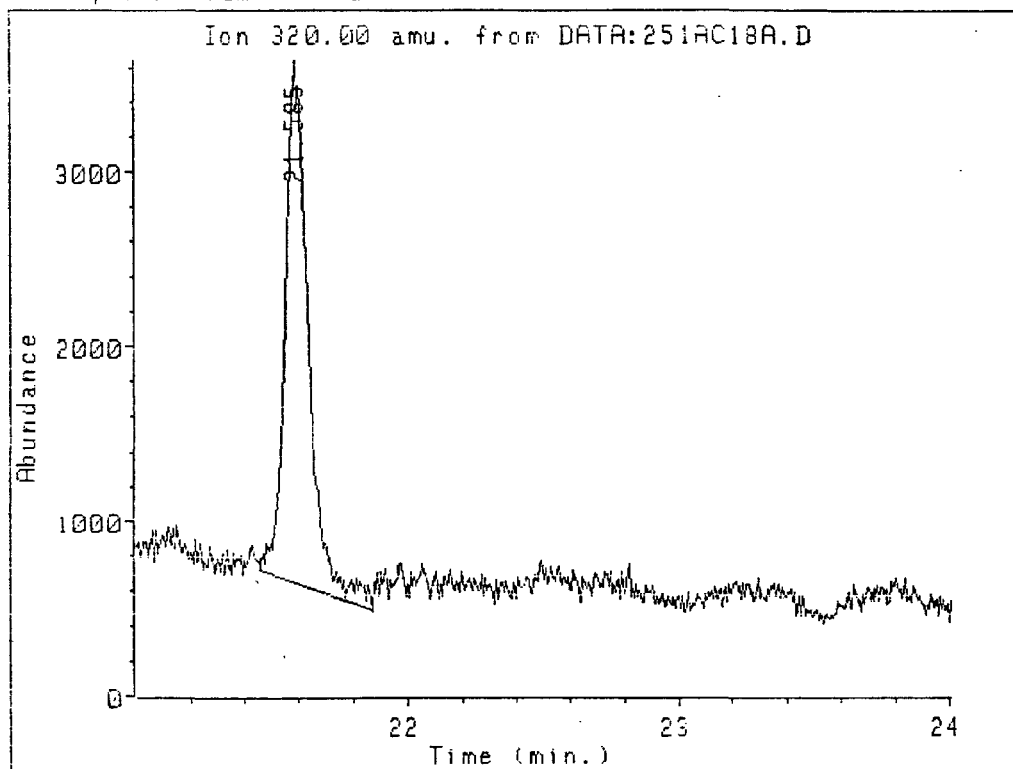
155 Data file: DATA:251AC18A.D
File type: GC / MS DATA FILE

4 2073

Name Info: 2261
Misc Info:
Operator : TMS

Date : 8 Sep 88 3:05 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 18
Replicate num : 1



Ion 320.00 amu. from DATA:251AC18A.D
2261

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.585	UU	0.089	181165	21.456	21.871

03224011

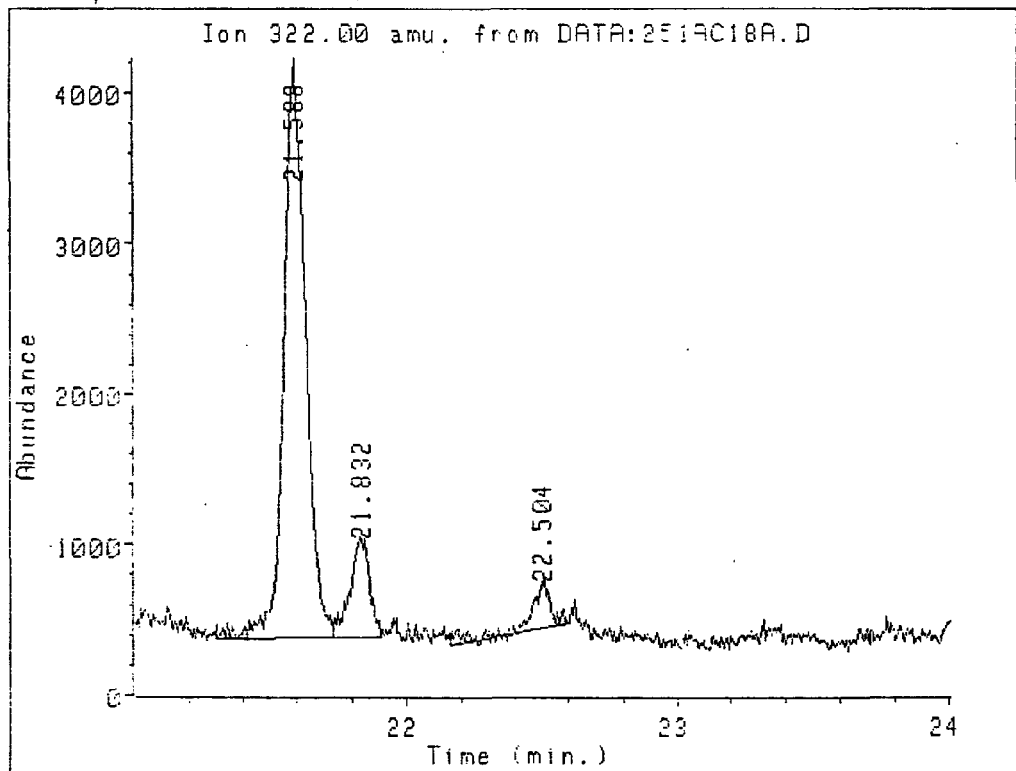
156
Data file: DATA:251AC18A.D
File type: GC / MS DATA FILE

4 2074

Name Info: 2261
Misc Info:
Operator : TMS

Date : 8 Sep 88 3:05 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 18
Replicate num : 1



Ion 322.00 amu. from DATA:251AC18A.D
2261

Peak#	Ret. Time	Type	Width	Area	Start Time	End Time
1	21.588	BU	0.081	215992	21.302	21.733
2	21.832	UU	0.076	32973	21.733	21.907
3	22.504	BU	0.071	16456	22.163	22.602

03224012

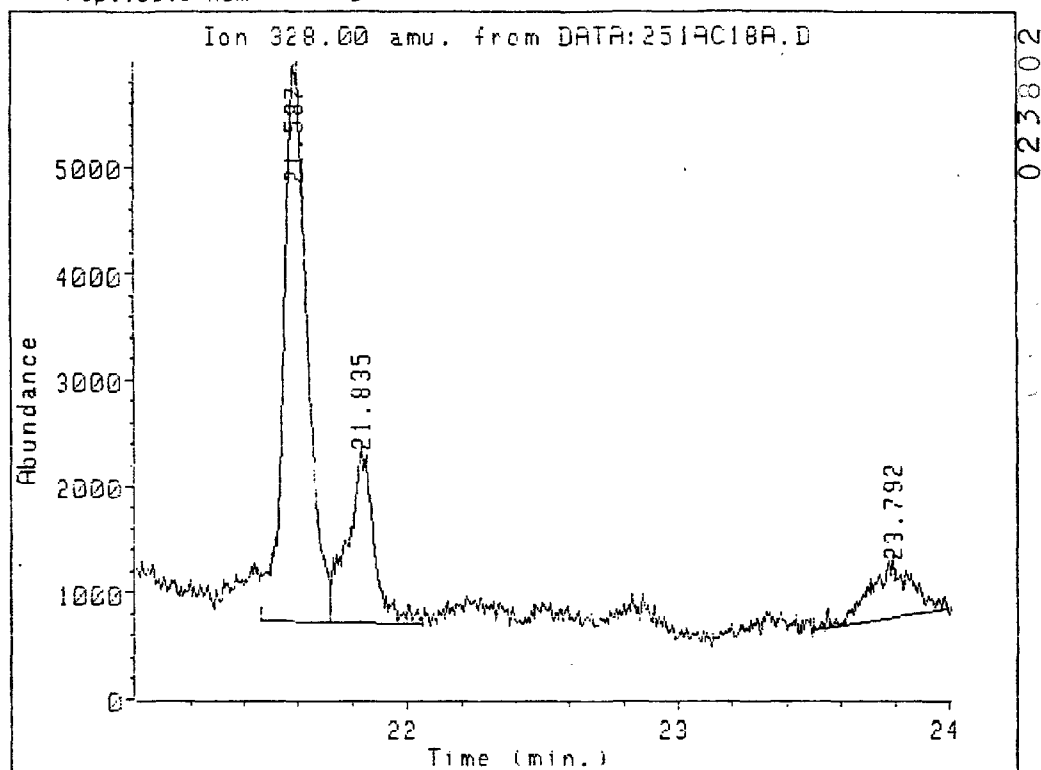
157
Data file: DATA:251AC18A.D
File type: GC / MS DATA FILE

4 2075

Name Info: 2261
Misc Info:
Operator : TMS

Date : 8 Sep 88 3:05 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
ALS bottle num : 18
Replicate num : 1



Ion 328.00 amu. from DATA:251AC18A.D
2261

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.587	UU	0.089	326145	21.462	21.721
2	21.835	UU	0.088	108174	21.721	22.054
3	23.792	PBA	0.158	58591	23.501	23.993

03224013

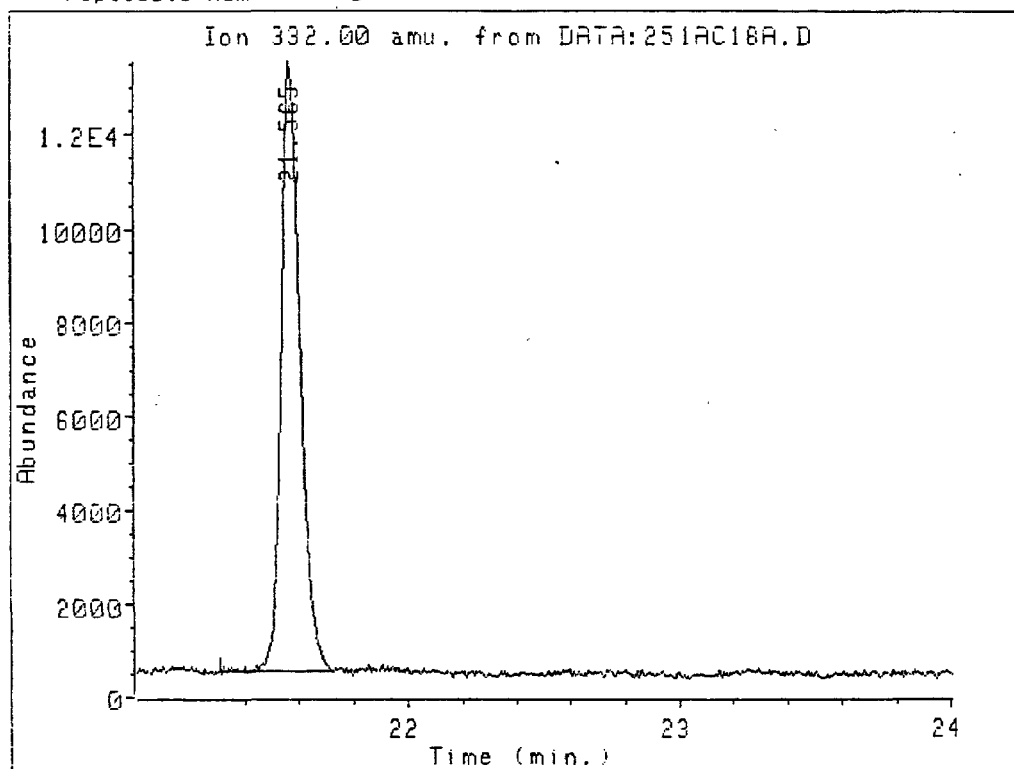
150
Data file: DATA:251AC18A.D
File type: GC / MS DATA FILE

4 2076

Name Info: 2261
Misc Info:
Operator : TMS

Date : 8 Sep 88 3:05 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 18
Replicate num : 1



023803

Ion 332.00 amu. from DATA:251AC18A.D
2261

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.565	BU	0.076	642439	21.305	21.727

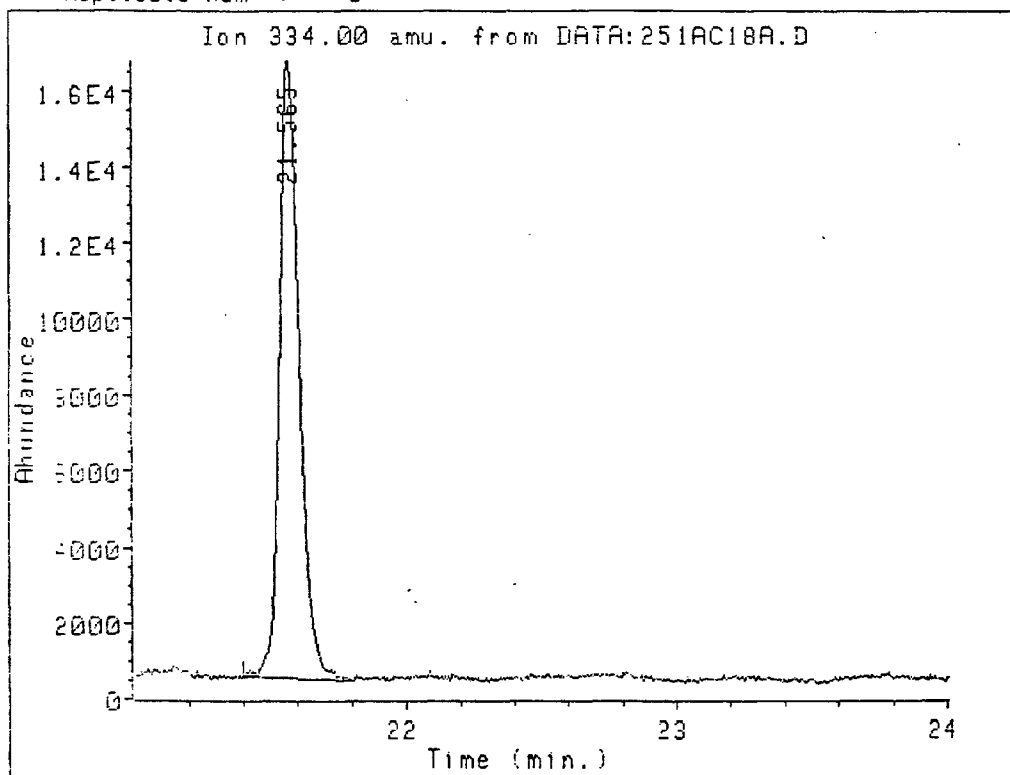
03224014

SA
Data file: DATA:251AC18A.D
File type: GC / MS DATA FILE

Name Info: 2261
Misc Info:
Operator : TMS

Date : 8 Sep 88 3:05 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 18
Replicate num : 1



Ion 334.00 amu. from DATA:251AC18A.D
2261

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.565	BV	0.075	830022	21.402	21.805

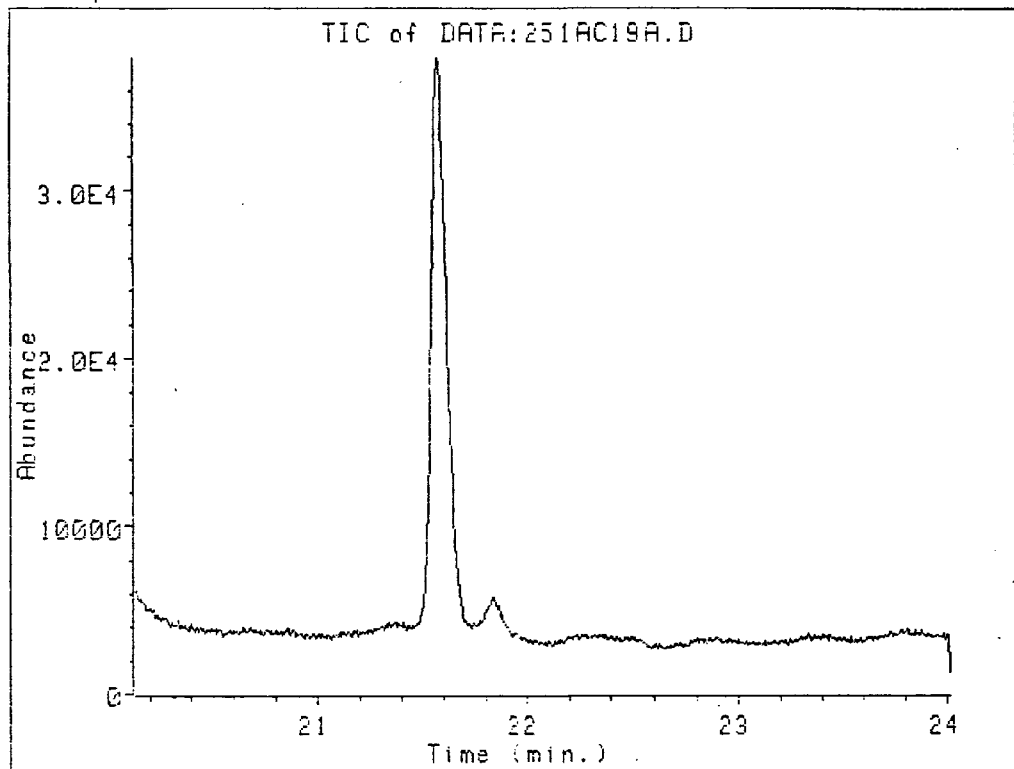
Data file: DATA:251AC19A.D
File type: GC / MS DATA FILE

4 2078

Name Info: 2262
Misc Info:
Operator : TMS

Date : 8 Sep 88 3:38 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 19
Replicate num : 1



023805

03224016

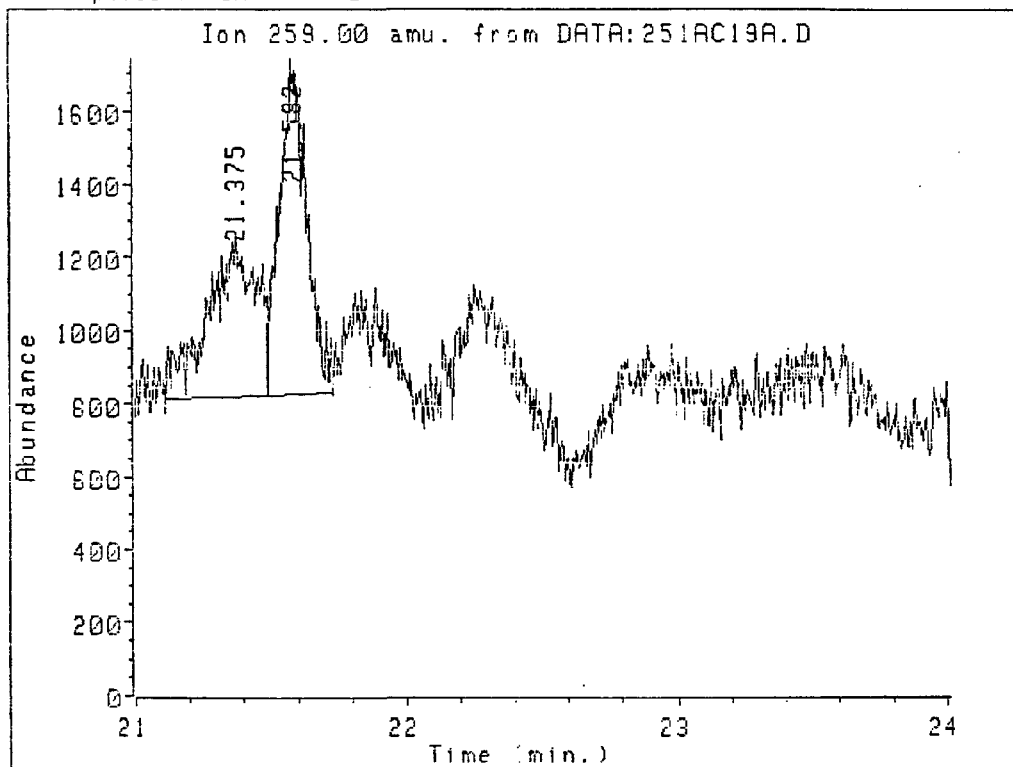
161
Data file: DATA:251AC19A.D
File type: GC / MS DATA FILE

4 2079

Name Info: 2262
Misc Info:
Operator : TMS

Date : 8 Sep 88 3:38 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 19
Replicate num : 1



023306

Ion 259.00 amu. from DATA:251AC19A.D
2262

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.375	UU	0.186	53224	21.112	21.494
2	21.582	UU	0.097	61207	21.494	21.732

03224017

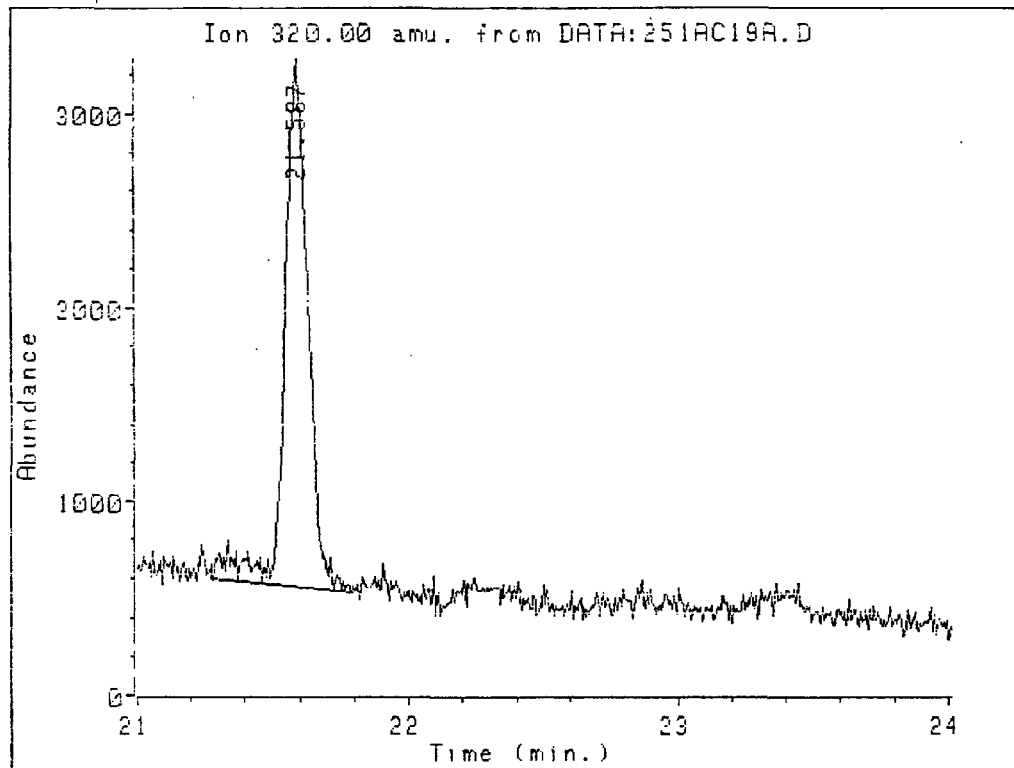
162
Data file: DATA:251AC19A.D
File type: GC / MS DATA FILE

4 2080

Name info: 2262
Misc Info:
Operator : TMS

Date : 8 Sep 88 3:38 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 19
Replicate num : 1



Ion 320.00 amu. from DATA:251AC19A.D
2262

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.587	BB	0.086	157123	21.278	21.793

023807
03224018

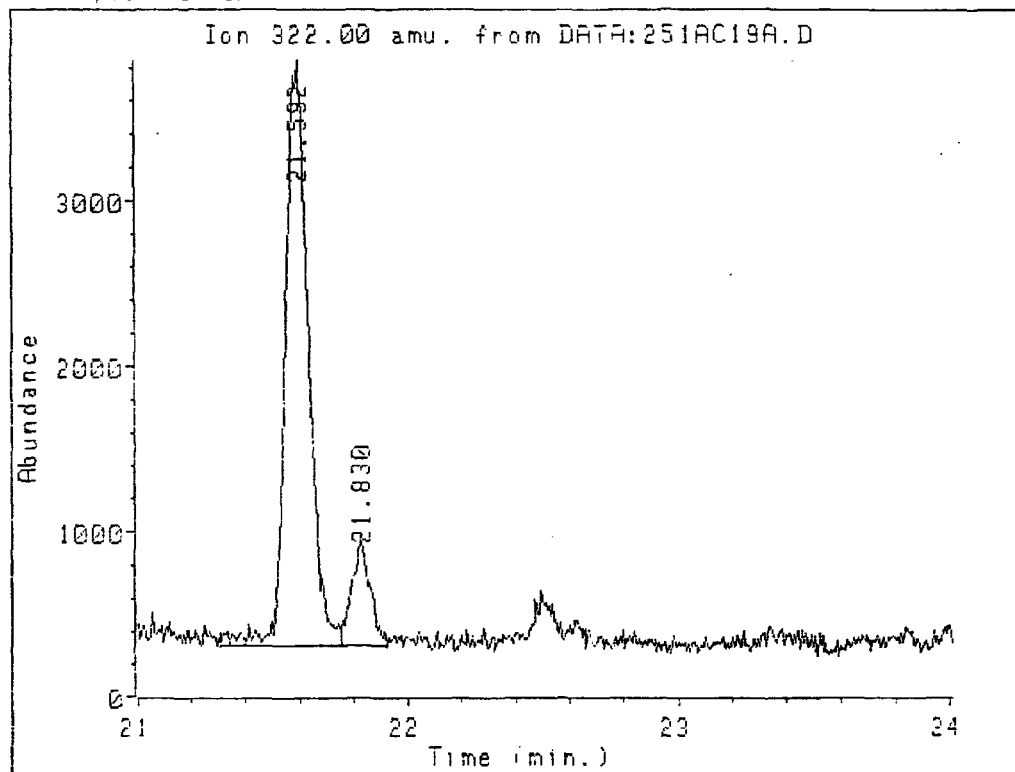
163
Data file: DATA:251AC19A.D
File type: GC / MS DATA FILE

4 2081

Name Info: 2262
Misc Info:
Operator : TMS

Date : 8 Sep 88 3:38 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 19
Replicate num : 1



023808

Ion 322.00 amu. from DATA:251AC19A.D
2262

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.592	PV	0.085	205940	21.302	21.756
2	21.830	VB	0.063	30040	21.756	21.922

03224619

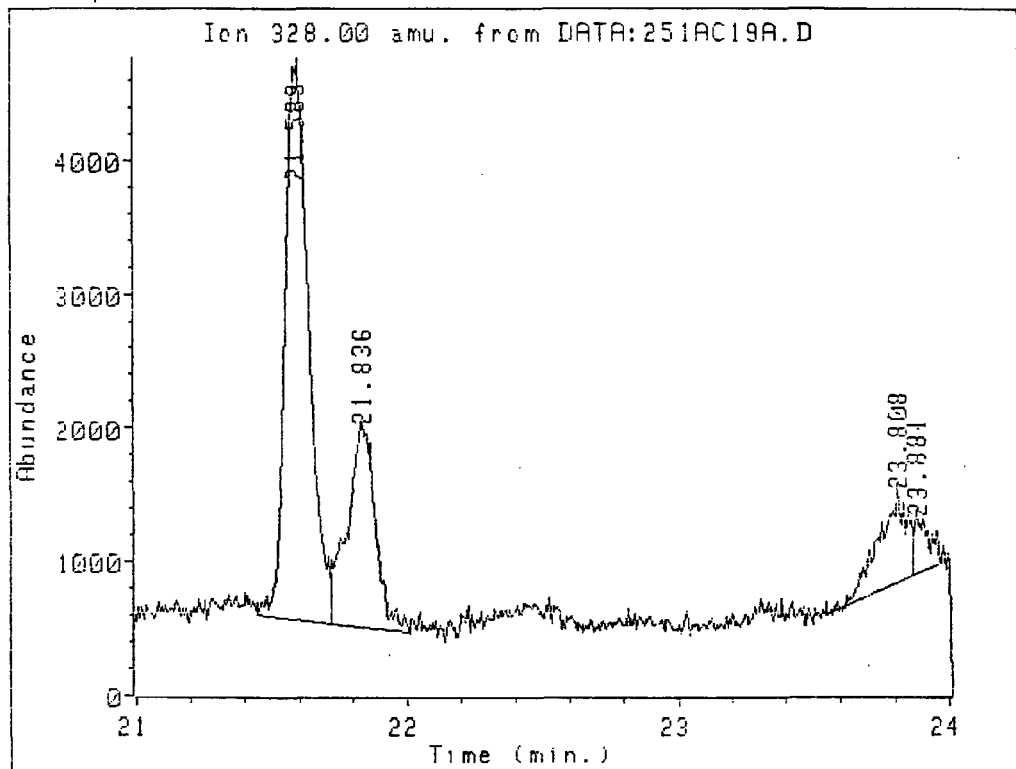
164
Data file: DATA:251AC19A.D
File type: GC / MS DATA FILE

4 2082

Name Info: 2262
Misc Info:
Operator : TMS

Date : 8 Sep 88 3:38 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 19
Replicate num : 1



Ion 328.00 amu. from DATA:251AC19A.D
2262

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.589	PV	0.088	249052	21.443	21.716
2	21.836	VB	0.089	108016	21.716	22.007
3	23.808	BU	0.104	49955	23.546	23.868
4	23.881	VB	0.058	15448	23.868	23.969

03224020

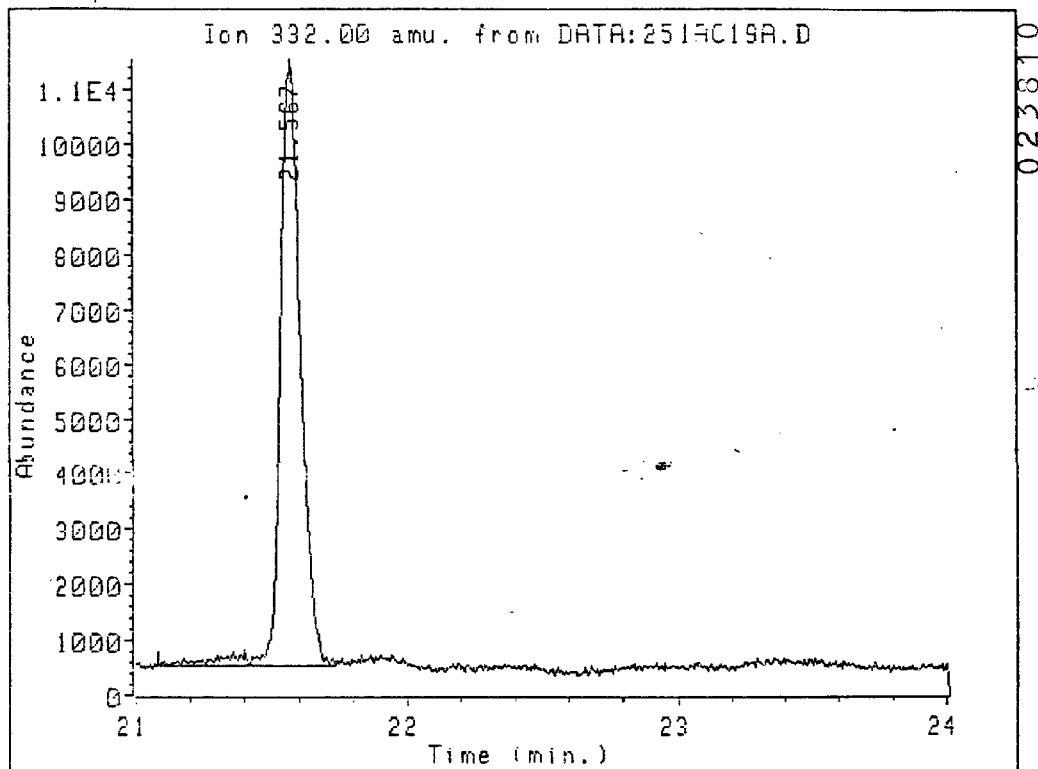
16 Data file: DATA:251AC19A.D
File type: GC / MS DATA FILE

4 2083

Name Info: 2262
Misc Info:
Operator : TMS

Date : 8 Sep 88 3:38 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
ALS bottle num : 19
Replicate num : 1



Ion 332.00 amu. from DATA:251AC19A.D
2262

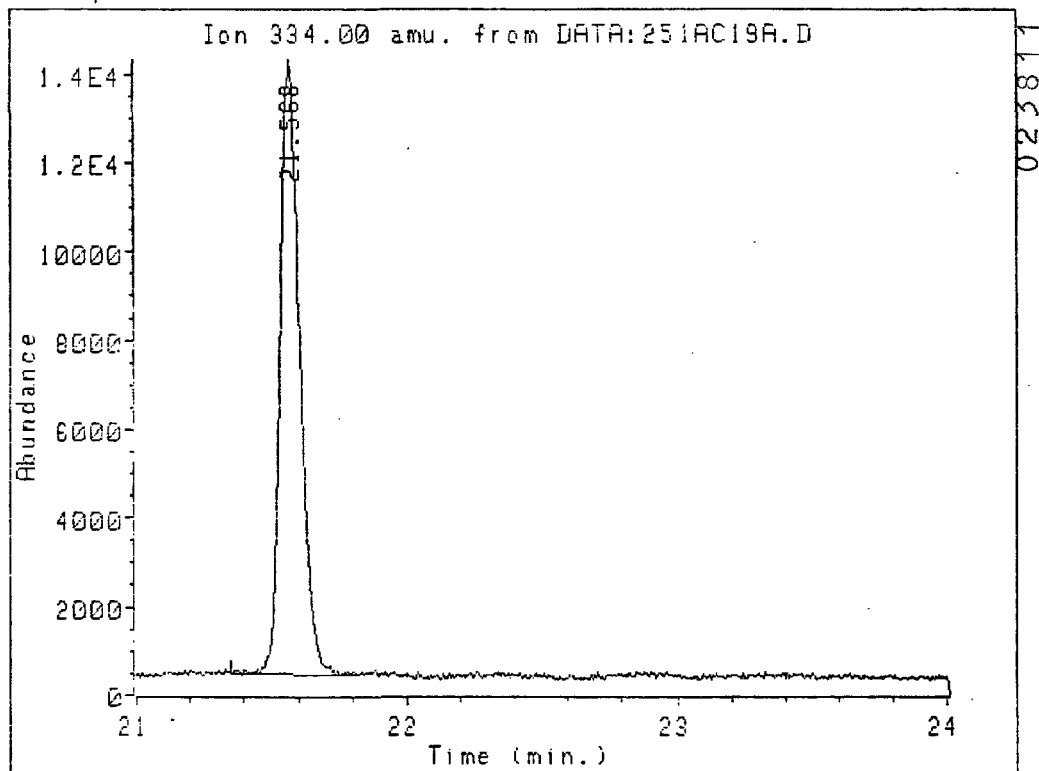
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.567	BV	0.078	553370	21.085	21.738

03224021

Name Info: 2262
Misc Info:
Operator : TMS

Date : 8 Sep 88 3:39 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 19
Replicate num : 1



Ion 334.00 amu. from DATA:251AC19A.D
2262

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.568	BV	0.075	673921	21.351	21.820

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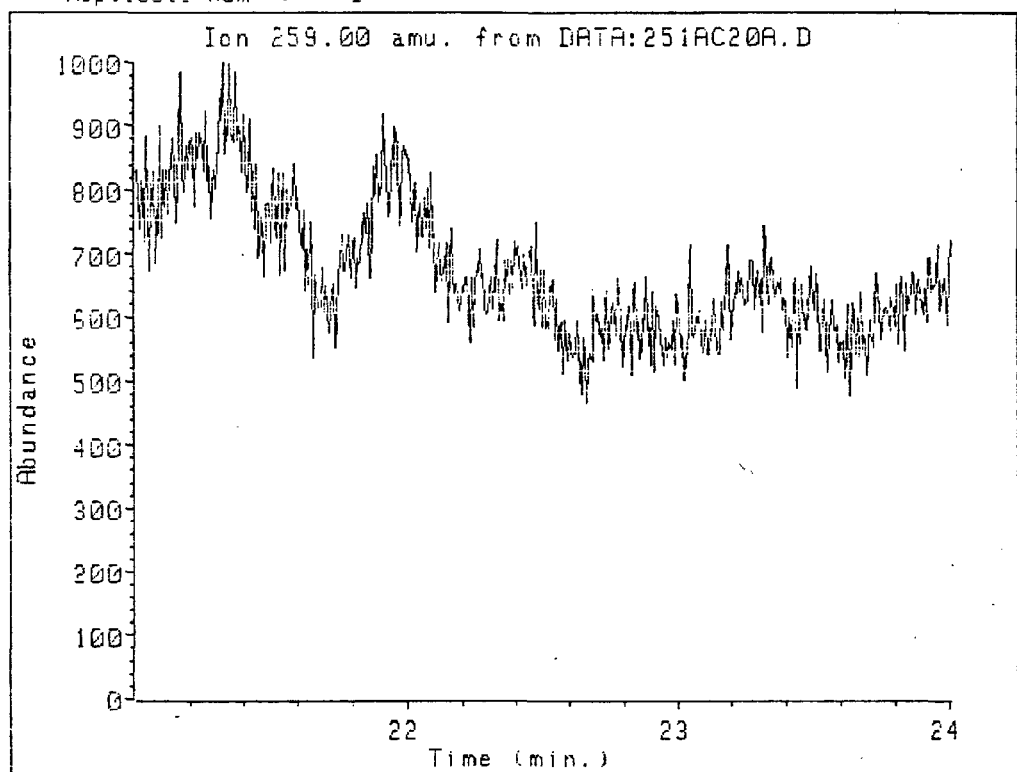
168
Data file: DATA:251AC20A.D
File type: GC / MS DATA FILE

4 2086

Name Info: 2286
Misc Info:
Operator : TMS

Date : 8 Sep 88 4:10 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 20
Replicate num : 1



Ion 259.00 amu. from DATA:251AC20A.D
2286

No peaks detected

03224024

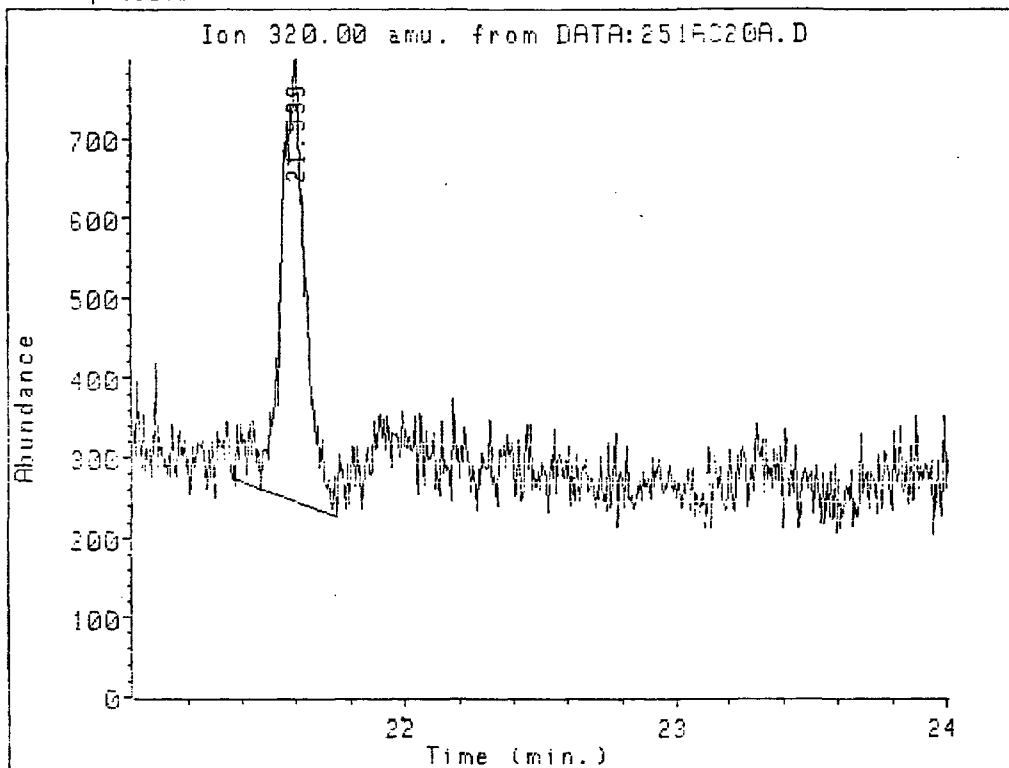
109 Data file: DATA:251AC20A.D
File type: GC / MS DATA FILE

4 2087

Name Info: 2286
Misc Info:
Operator : TMS

Date : 8 Sep 88 4:10 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 20
Replicate num : 1



Ion 320.00 amu. from DATA:251AC20A.D
2286

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.599	BU	0.086	36727	21.369	21.751

03224025

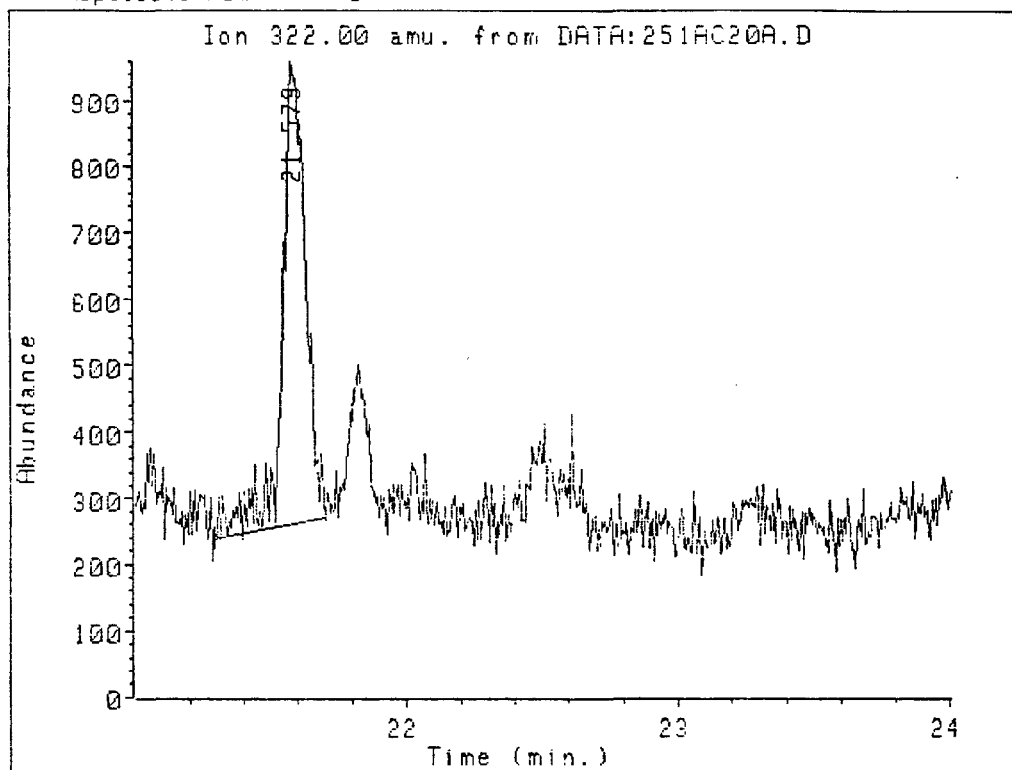
Data file: DATA:251AC20A.D
File type: GC / MS DATA FILE

4 2088

Name Info: 2286
Misc Info:
Operator : TMS

Date : 8 Sep 88 4:10 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 20
Replicate num : 1



Ion 322.00 amu. from DATA:251AC20A.D
2286

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.579	BB	0.084	43269	21.288	21.703

03234026

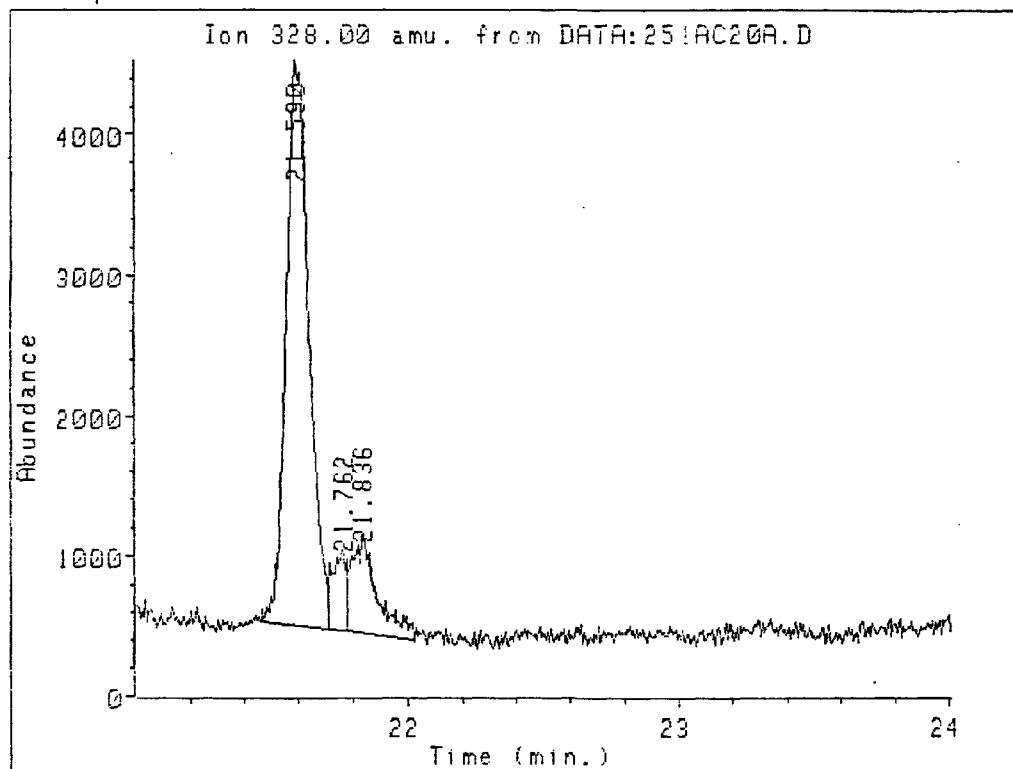
Data file: DATA:251AC20A.D
File type: GC / MS DATA FILE

4 2089

Name Info: 2286
Misc Info:
Operator : TMS

Date : 8 Sep 88 4:10 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
ALS bottle num : 20
Replicate num : 1



Ion 328.00 amu. from DATA:251AC20A.D
2286

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.590	BU	0.090	237560	21.462	21.709
2	21.762	UV	0.048	19208	21.709	21.780
3	21.836	VB	0.086	44427	21.780	22.021

03254027

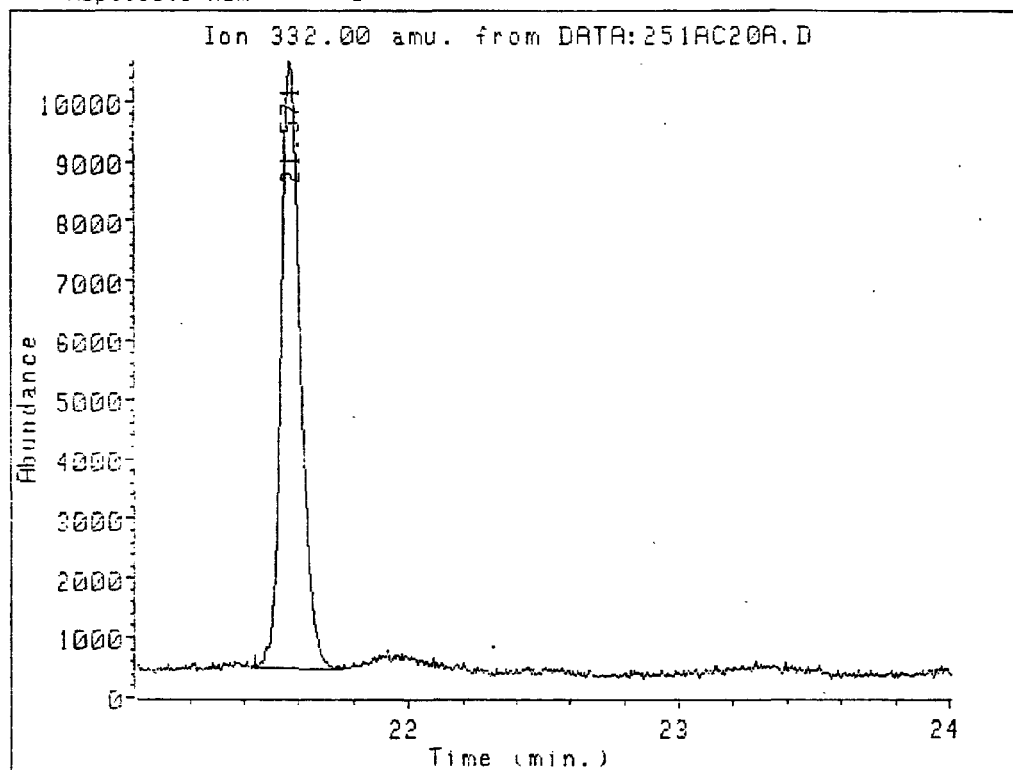
Data file: DATA:251AC20A.D
File type: GC / MS DATA FILE

4 2090

Name Info: 2286
Misc Info:
Operator : TMS

Date : 8 Sep 88 4:10 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 20
Replicate num : 1



Ion 332.00 amu. from DATA:251AC20A.D
2286

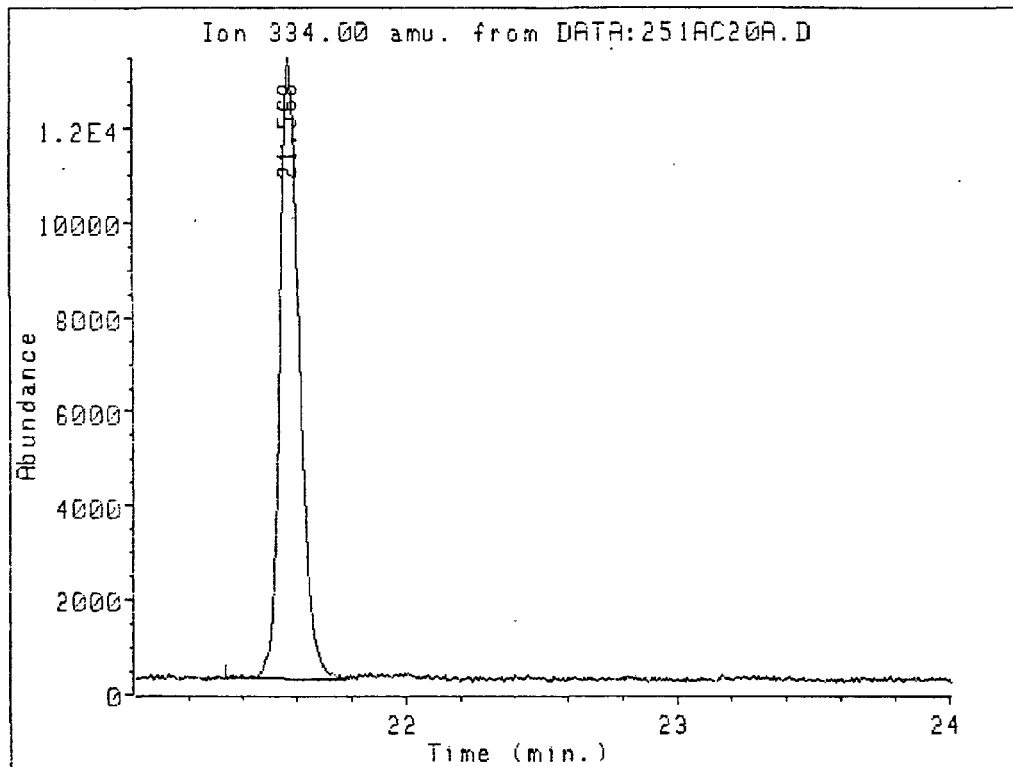
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.571	BV	0.077	514532	21.441	21.763

03224028

Name Info: 2286
Misc Info:
Operator : TMS

Date : 8 Sep 88 4:10 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 20
Replicate num : 1



Ion 334.00 amu. from DATA:251AC20A.D
2286

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.568	BU	0.076	665994	21.339	21.775

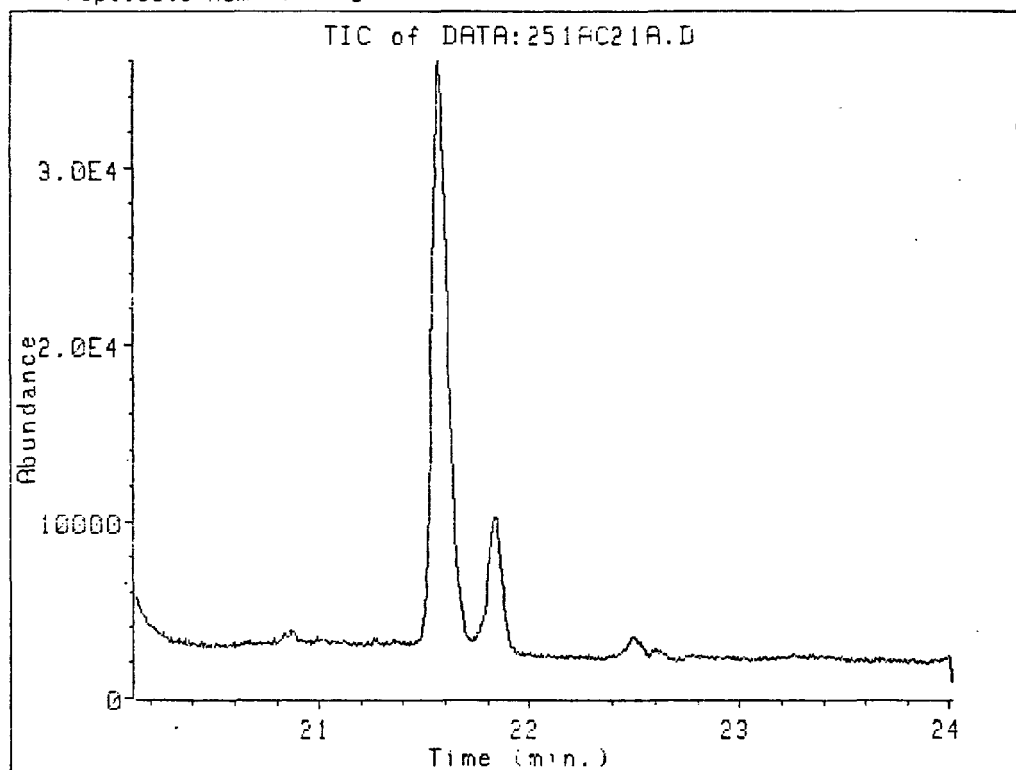
Data file: DATA:251AC21A.D
File type: GC / MS DATA FILE

4 2092

Name Info: 2307
Misc Info:
Operator : TMS

Date : 8 Sep 88 4:43 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
ALS bottle num : 21
Replicate num : 1



03224030

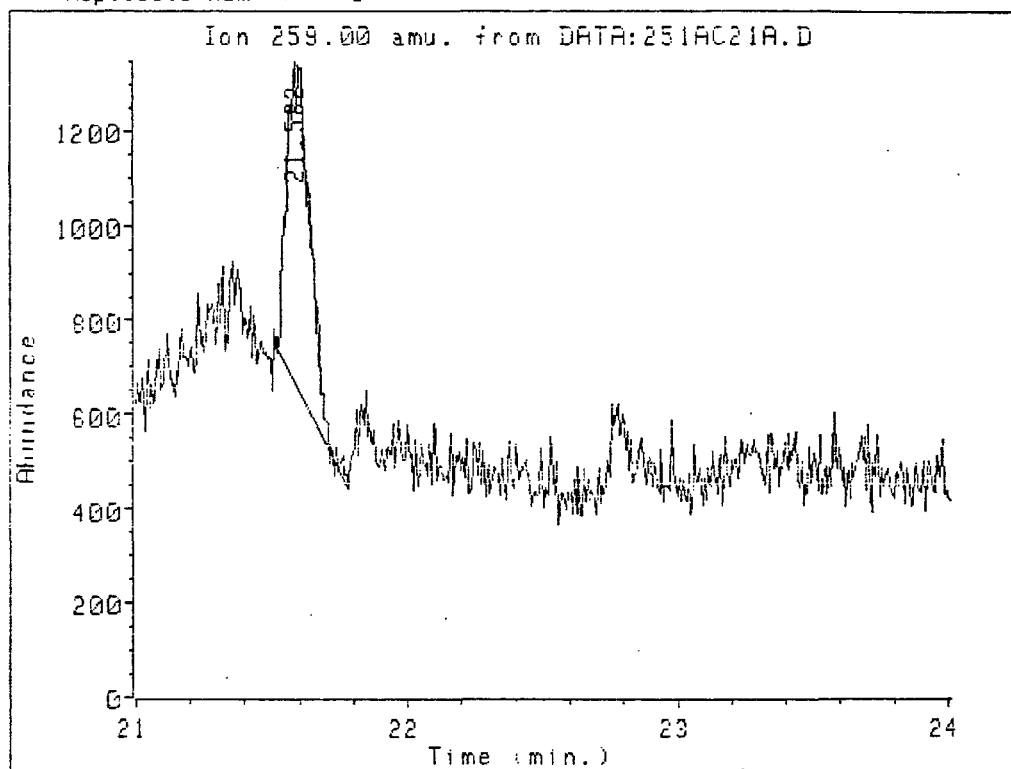
175
Data file: DATA:251AC21A.D
File type: GC / MS DATA FILE

4 2093

Name Info: 2307
Misc Info:
Operator : TMS

Date : 8 Sep 88 4:43 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 21
Replicate num : 1



Ion 259.00 amu. from DATA:251AC21A.D
2307

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.582	BU	0.082	40821	21.520	21.781

03224031

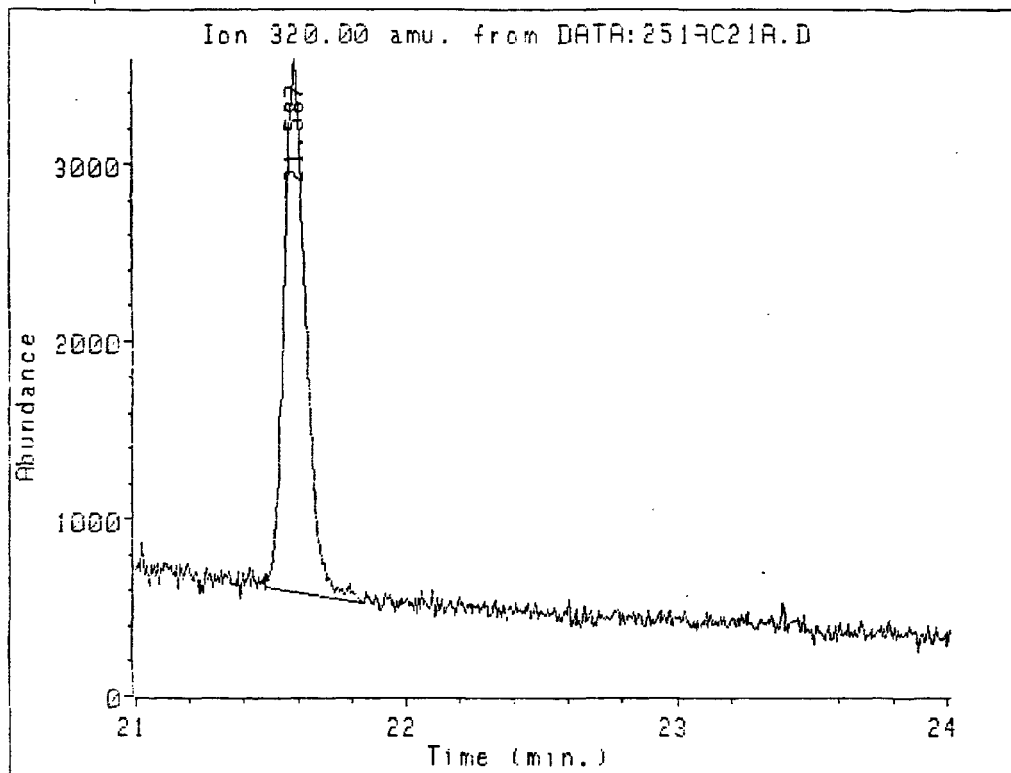
176
Data file: DATA:251AC21A.D
File type: GC / MS DATA FILE

4 2094

Name Info: 2307
Misc Info:
Operator : TMS

Date : 8 Sep 88 4:43 am
Instrument: MS_5970
inlet : GC

Sequence index : 3
Als bottle num : 21
Replicate num : 1



Ion 320.00 amu. from DATA:251AC21A.D
2307

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.587	BU	0.085	168846	21.477	21.839

03224032

Name Info: 2307

Misc Info:

Operator : TMS

Date : 8 Sep 88 4:43 am

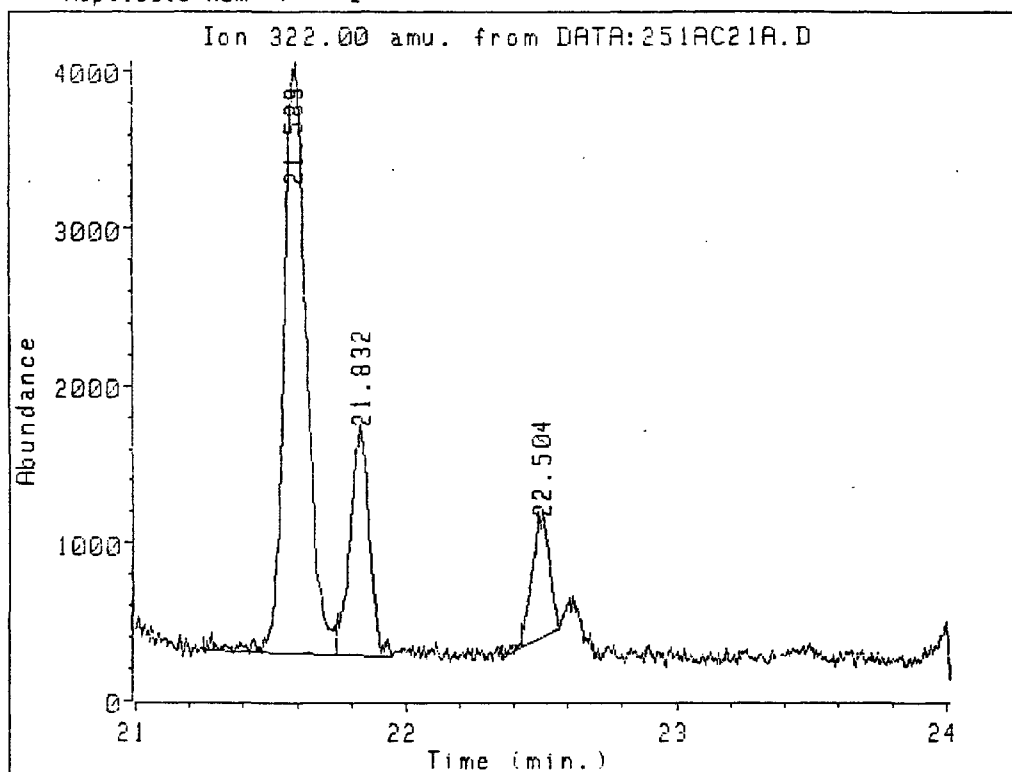
Instrument: MS_5970

Inlet : GC

Sequence index : 3

Als bottle num : 21

Replicate num : 1



Ion 322.00 amu. from DATA:251AC21A.D
2307

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.589	BV	0.091	221003	21.250	21.744
2	21.832	VB	0.064	69639	21.744	21.946
3	22.504	BV	0.064	36795	22.357	22.573

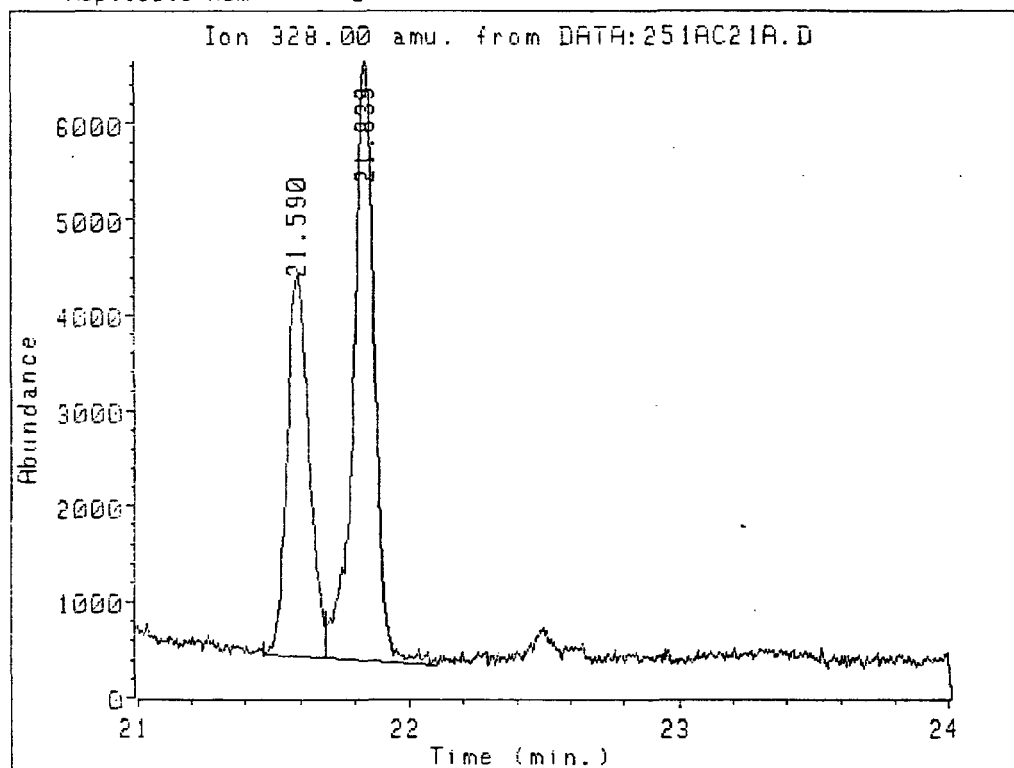
176
Data file: DATA:251AC21A.D
File type: GC / MS DATA FILE

4 2096

Name Info: 2307
Misc Info:
Operator : TMS

Date : 8 Sep 88 4:43 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 21
Replicate num : 1



0233823

Ion 328.00 amu. from DATA:251AC21A.D
2307

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.590	BU	0.085	223002	21.471	21.698
2	21.839	UB	0.079	327301	21.698	22.102

03224034

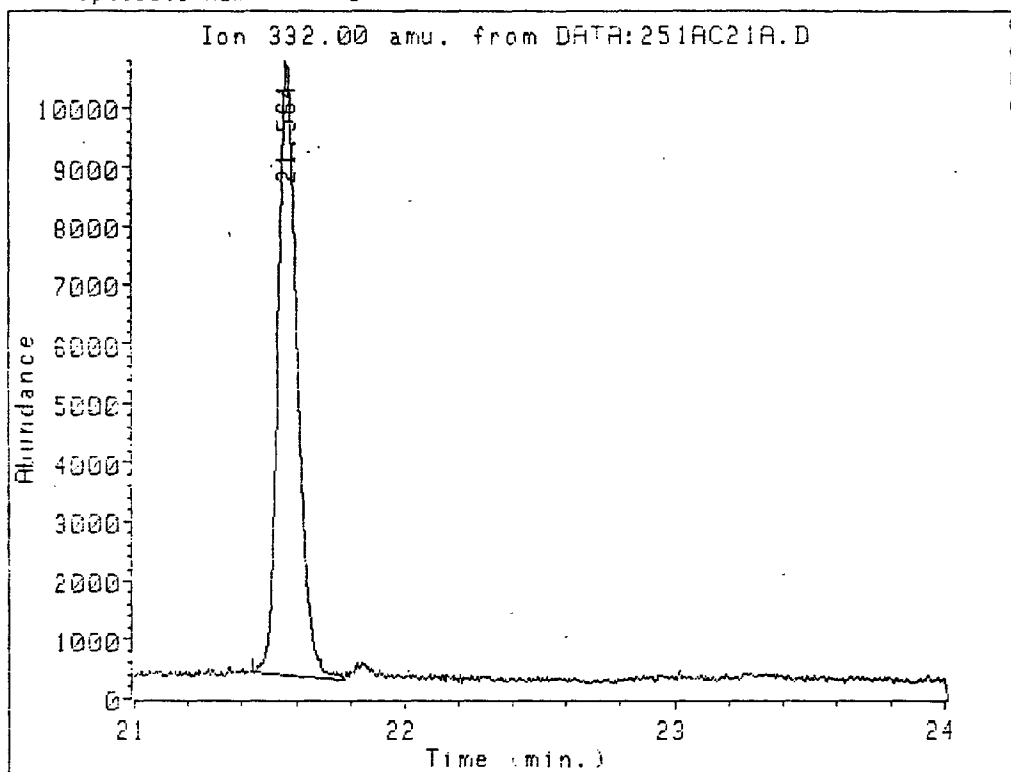
179
Data file: DATA:251AC21A.D
File type: GC / MS DATA FILE

4 2097

Name Info: 2307
Misc Info:
Operator : TMS

Date : 8 Sep 88 4:43 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
ALS bottle num : 21
Replicate num : 1



Ion 332.00 amu. from DATA:251AC21A.D
2307

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.564	BV	0.077	506154	21.440	21.774

03224035

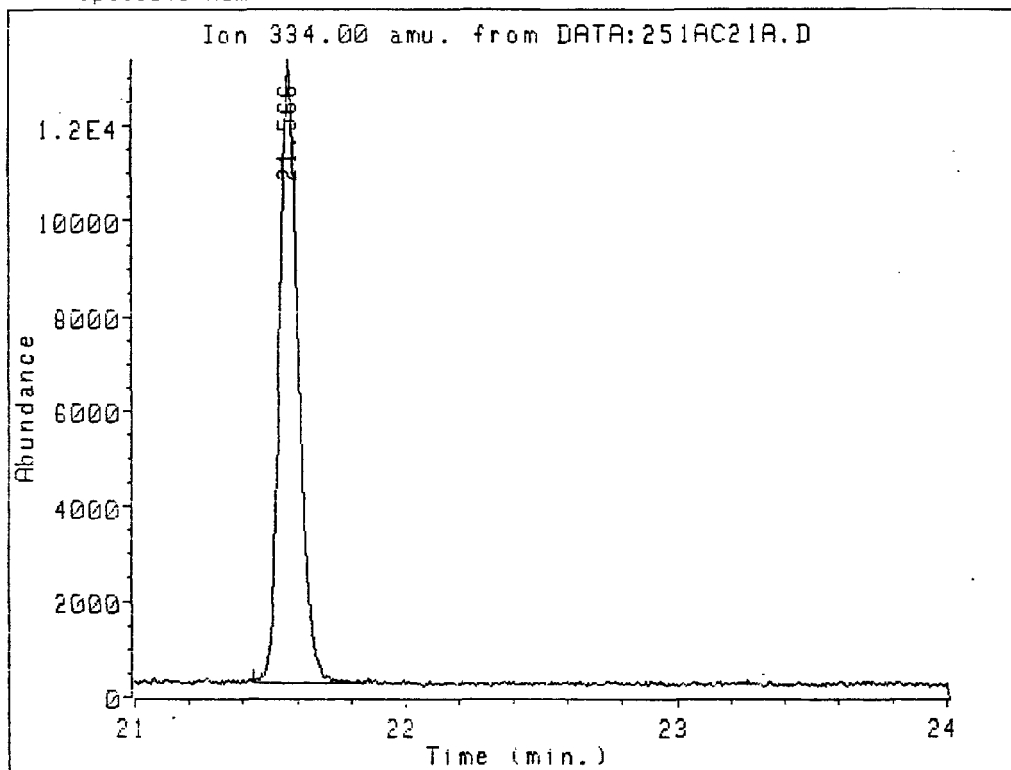
190
Data file: DATA:251AC21A.D
File type: GC / MS DATA FILE

4 2098

Name Info: 2307
Misc Info:
Operator : TMS

Date : 8 Sep 88 4:43 am
Instrument: MS_5970
Inlet : GC

Sequence index : 3
Als bottle num : 21
Replicate num : 1



023825

Ion 334.00 amu. from DATA:251AC21A.D
2307

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.566	BU	0.074	633639	21.437	21.839

03224036

Data file: DATA:257AD04A.D
File type: GC / MS DATA FILE

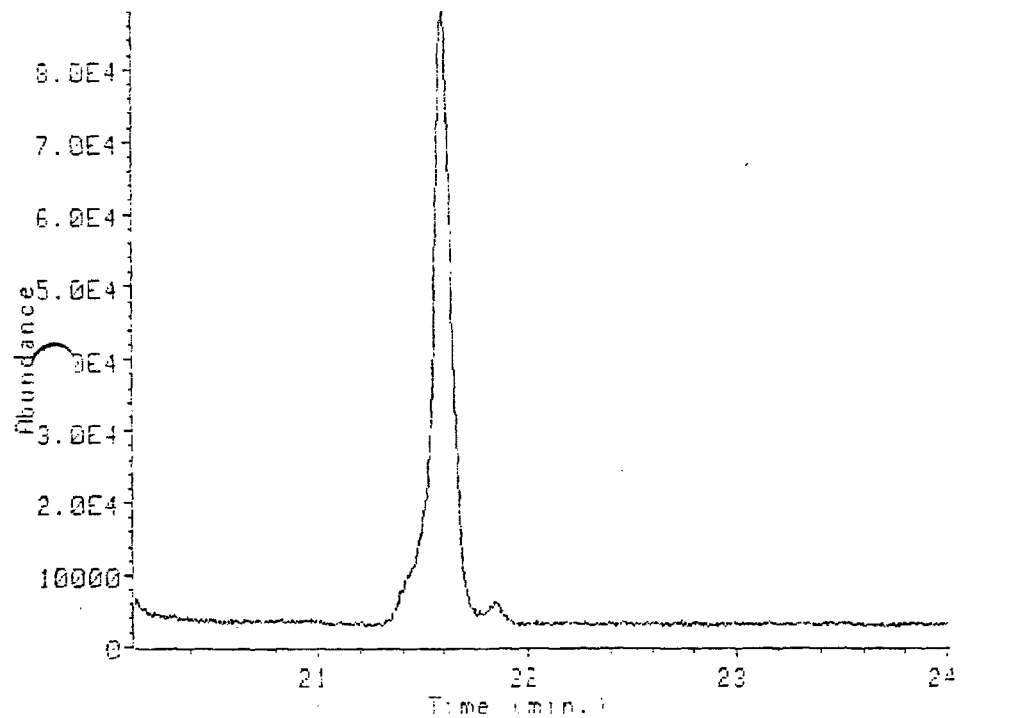
4 2099

Name Info: HERCULES 2120
Misc Info:
Operator : TMS

Date : 13 Sep 88 12:28 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 4
Replicate num : 1

TIC of DATA:257AD04A.D



023826

03224037

Name Info: HERCULES 2120

Misc Info:

Operator : TMS

Date : 13 Sep 88 12:28 pm

Instrument: MS_5970

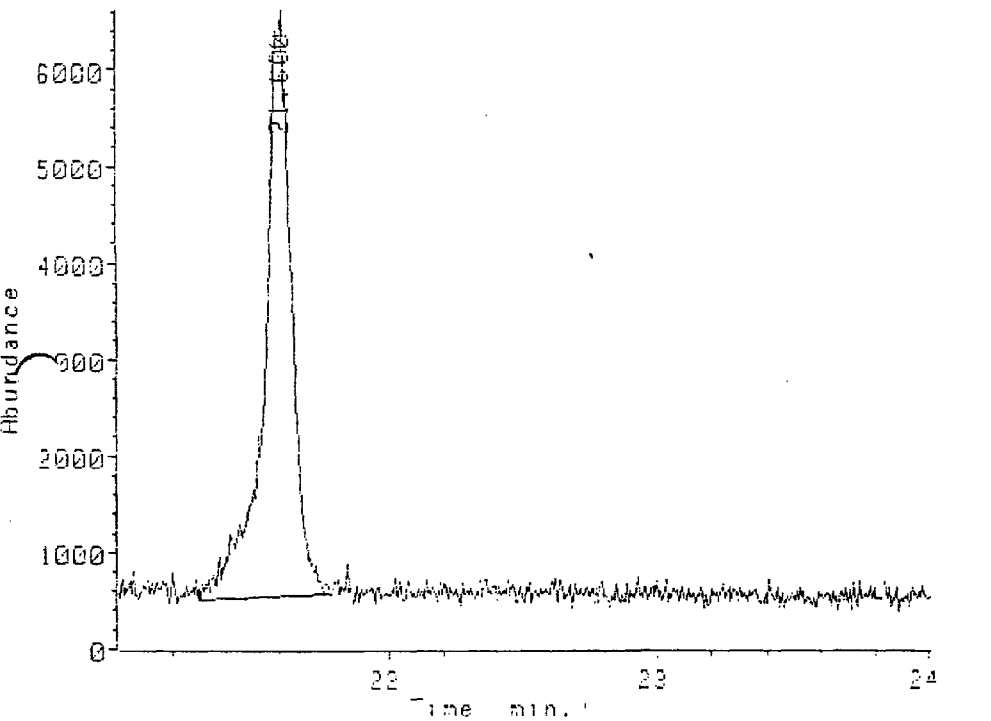
Inlet : GC

Sequence index : 4

Als bottle num : 4

Replicate num : 1

Ion 259.00 amu. from DATA:257AD04A.D



Ion 259.00 amu. from DATA:257AD04A.D
HERCULES 2120

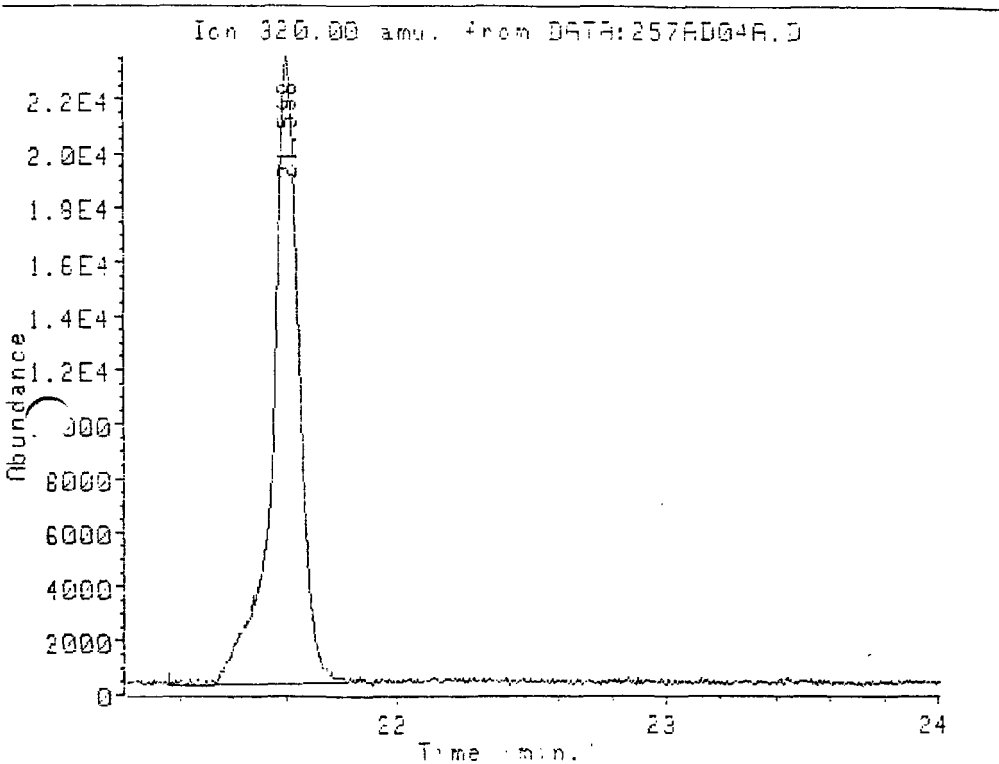
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.600	PH	0.090	430413.1	21.300	21.757

023827

Name Info: HERCULES 2120
Misc Info:
Operator : TMS

Date : 13 Sep 88 12:28 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 4
Replicate num : 1



023028

Ion 320.00 amu. from DATA:257AD04A.D
HERCULES 2120

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.598	PK	0.000	1591525.	21.161	21.929

Name Info: HERCULES 2120

Misc Info:

Operator : TMS

Date : 13 Sep 88 12:28 pm

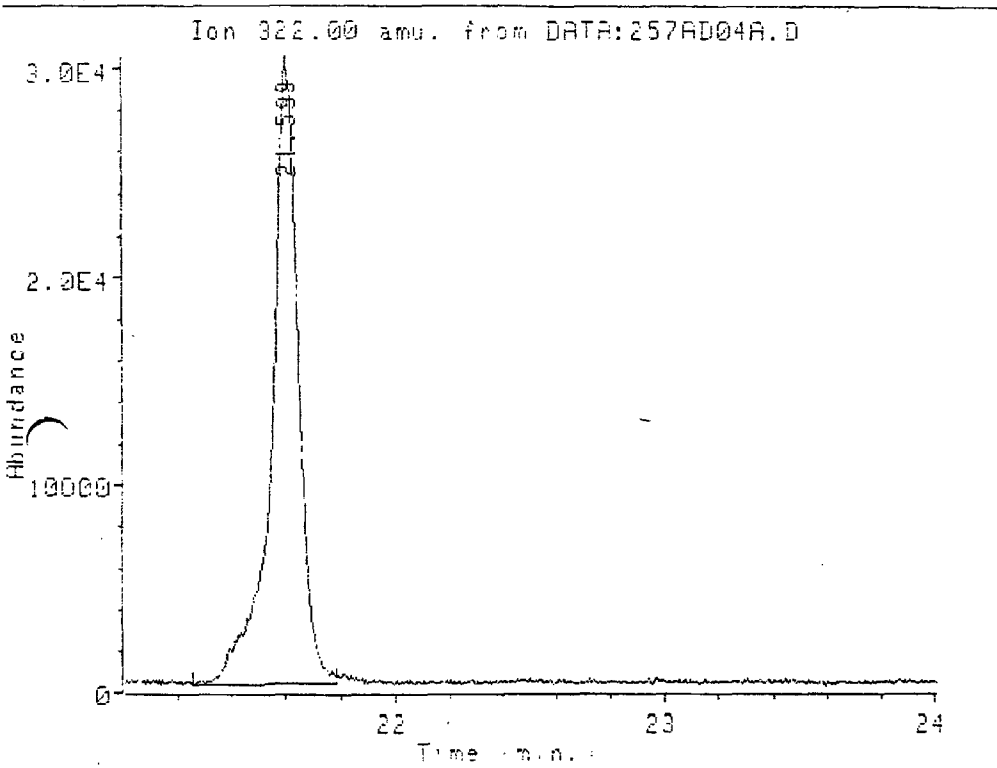
Instrument: MS_5970

Inlet : GC

Sequence index : 4

Als bottle num : 4

Replicate num : 1



023829

Ion 322.00 amu. from DATA:257AD04A.D
HERCULES 2120

Peak#	Ret. Time	Type	Width	Area	Start Time	End Time
1	21.599	PK	0.099	2066892	21.266	21.784

Name Info: HERCULES 2120

Misc Info:

Operator : TMS

Date : 13 Sep 88 12:23 pm

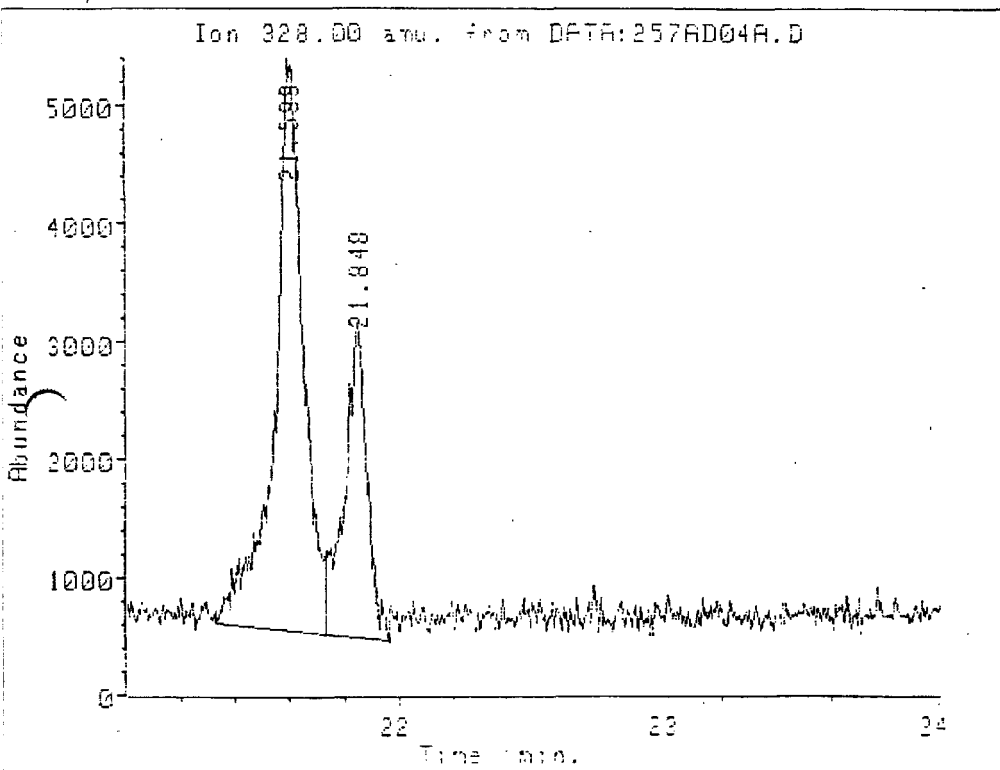
Instrument: MS_5970

Inlet : GC

Sequence index : 4

Als bottle num : 4

Replicate num : 1



Ion 328.00 amu. from DATA:257AD04A.D
HERCULES 2120

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.599	UU	0.069	358341	21.519	21.781
2	21.848	UU	0.073	155219	21.732	21.961

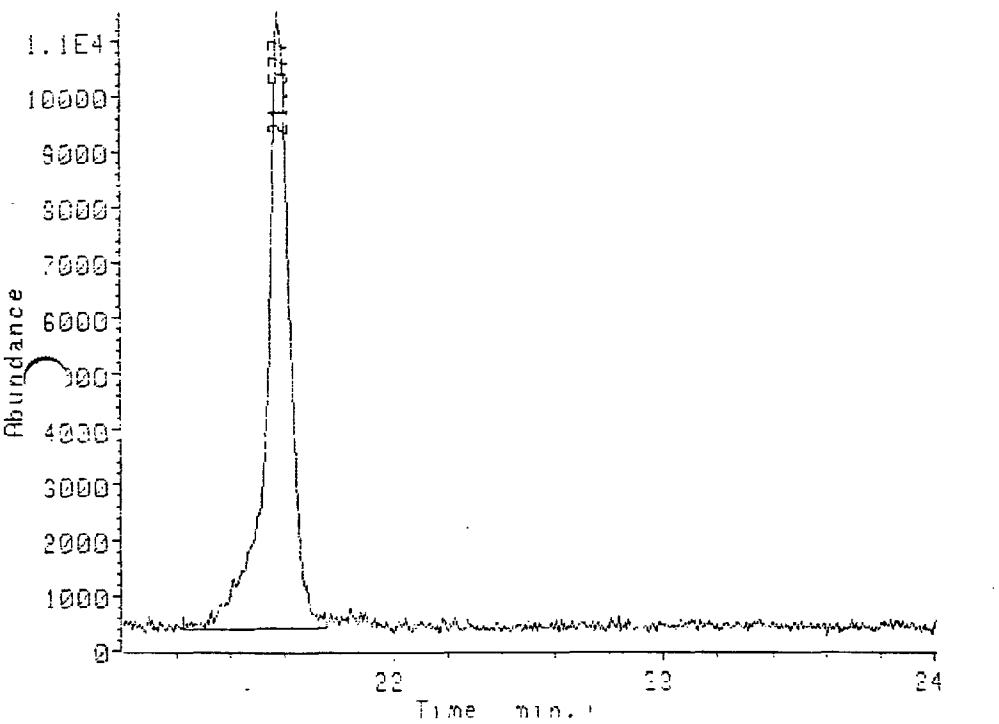
023830

Name Info: HERCULES 2120
Misc Info:
Operator : TMS

Date : 13 Sep 88 12:28 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 4
Replicate num : 1

Ion 332.00 amu. from DATA:257AD04A.D



Ion 332.00 amu. from DATA:257AD04A.D
HERCULES 2120

Peak#	Ret. Time	Type	Width	Area	Start Time	End Time
1	22.577	PM	0.087	662761	22.227	22.780

023831

Data file: DATA:257AD04A.D
File type: GC / MS DATA FILE

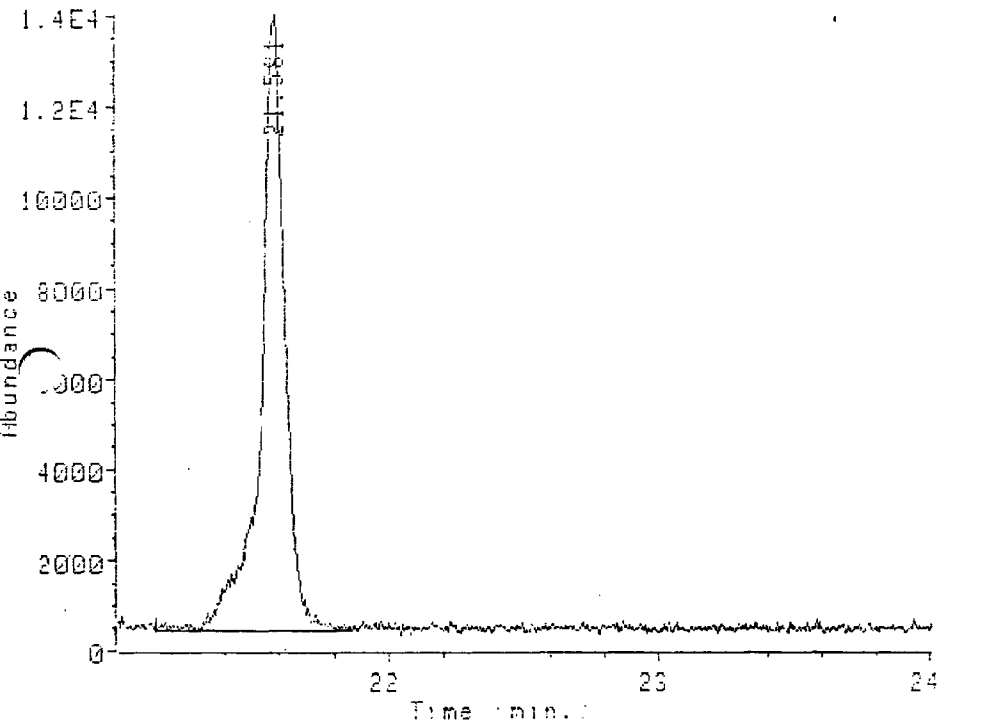
4 2105

Name Info: HERCULES 2120
Misc Info:
Operator : TMS

Date : 13 Sep 88 12:29 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 4
Replicate num : 1

Ion 334.00 amu. from DATA:257AD04A.D



Ion 334.00 amu. from DATA:257AD04A.D
HERCULES 2120

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.581	SC	0.036	849631	21.149	21.969

023832

03224043

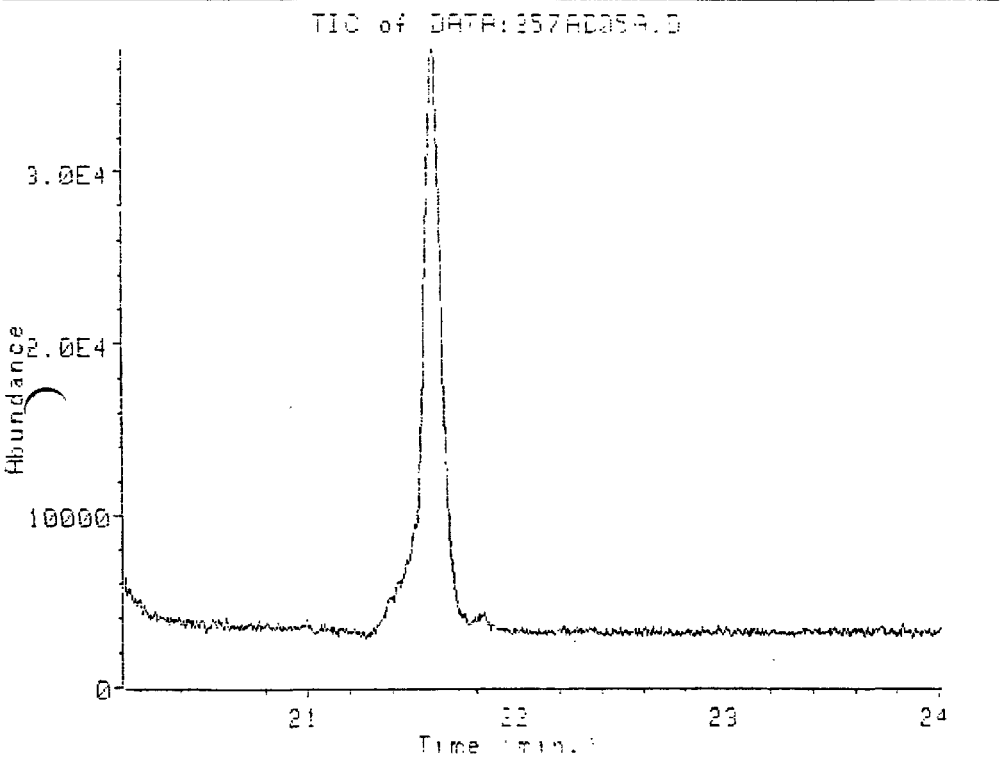
Data file: DATA:257AD05A.D
File type: GC / MS DATA FILE

4 2106

Name Info: HEPCULES 2121
Misc Info:
Operator : TMS

Date : 13 Sep 88 1:01 pm
Instrument: MS_5970
inlet : GC

Sequence index : 4
Als bottle num : 5
Replicate num : 1



023833

03224044

Date file: DATA\257AD05A.D
File type: GC / MS DATA FILE

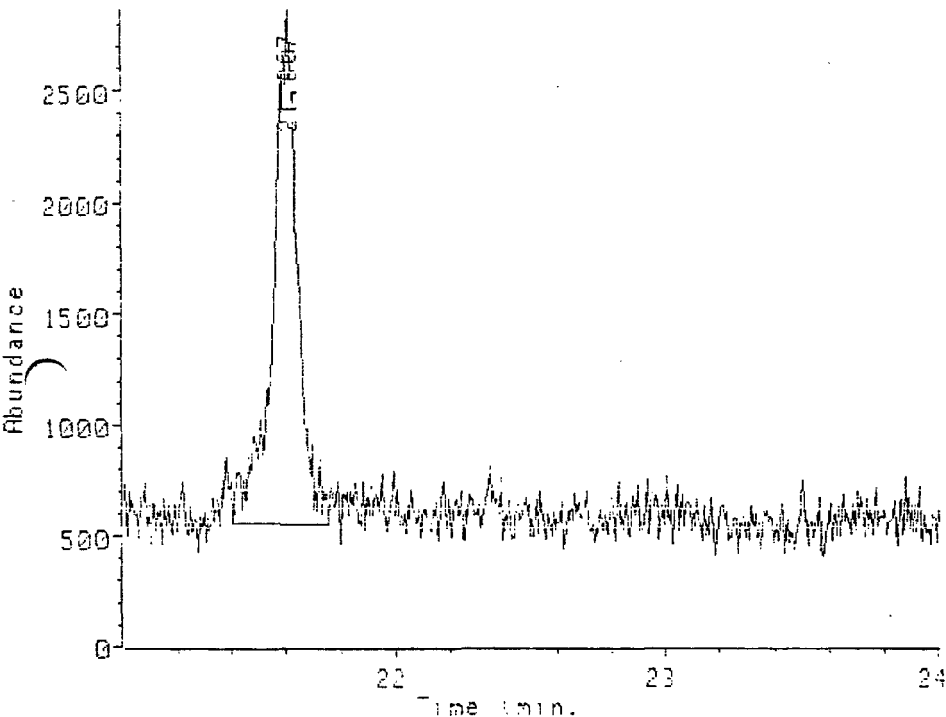
4 2107

Name Info: HERCULES 2121
Misc Info:
Operator : TMS

Date : 13 Sep 88 1:01 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 1

Ion 259.00 amu. from DATA:257AD05A.D



Ion 259.00 amu. from DATA:257AD05A.D
HERCULES 2121

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.607	100	0.080	146308	21.408	21.797

023834

03224045

189 Data file: DATA:257AD05A.D
File type: GC / MS DATA FILE

4 2108

Name Info: HERCULES 2121

Misc Info:

Operator: TMS

Date: 13 Sep 88 1:01 pm

Instrument: MS_5970

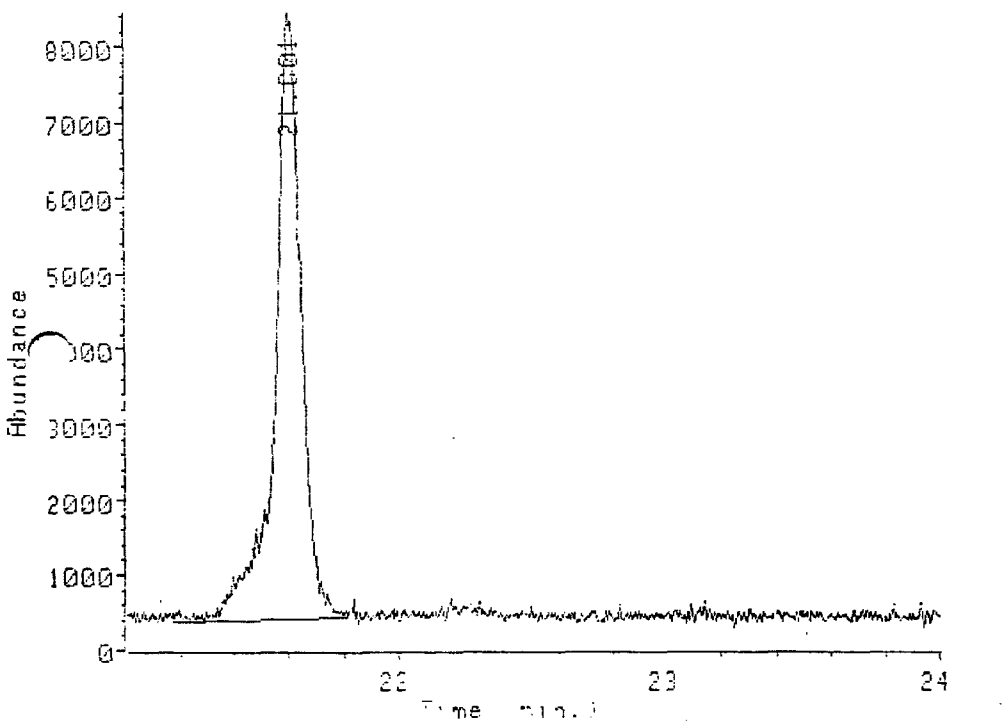
Inlet: GC

Sequence index: 4

ALS bottle num: 5

Replicate num: 1

Ion 320.00 amu. from DATA:257AD05A.D



Ion 320.00 amu. from DATA:257AD05A.D
HERCULES 2121

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.001	PU	0.098	546524	21.173	21.814

023835

03224046

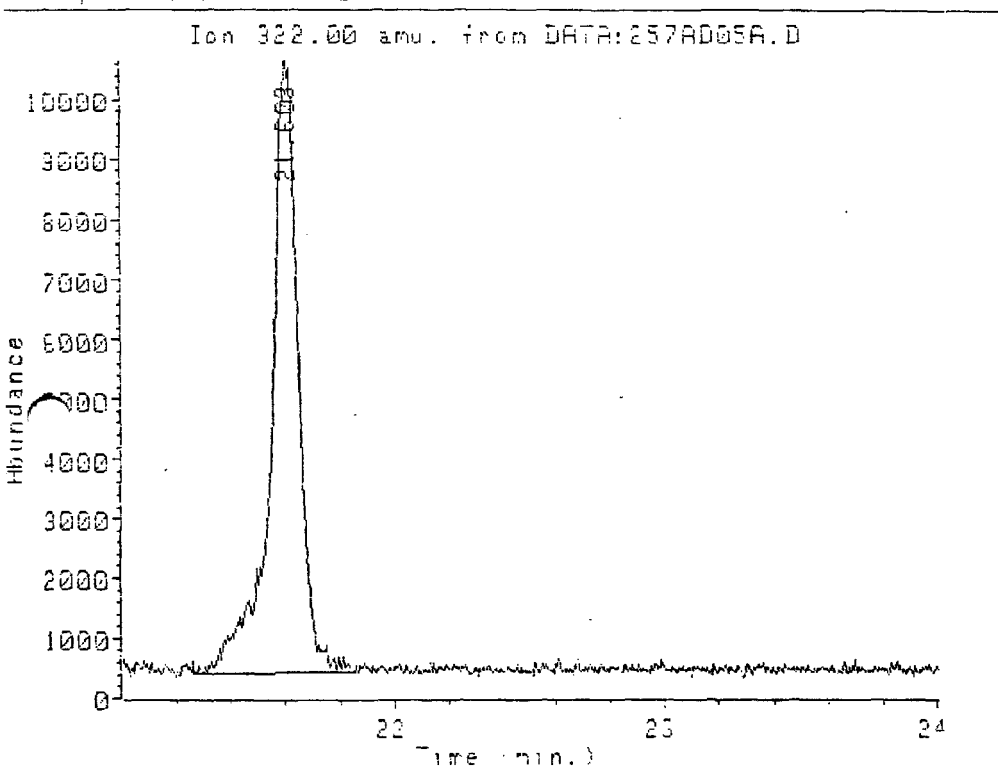
190 Data file: DATA:257AD05A.D
File type: GC / MS DATA FILE

4 2109

Name Info: HERCULES 2121
Misc Info:
Operator : TMS

Date : 13 Sep 88 1:01 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 5
Replicate num : 1



023836

on 322.00 amu. from DATA:257AD05A.D
HERCULES 2121

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.603	EV	0.097	7153661	21.561	21.657

03224047

Data file: DATA:257AD05A.D
File type: GC / MS DATA FILE

Name Info: HERCULES 2121

Misc Info:

Operator : TMS

Date : 13 Sep 88 1:01 pm

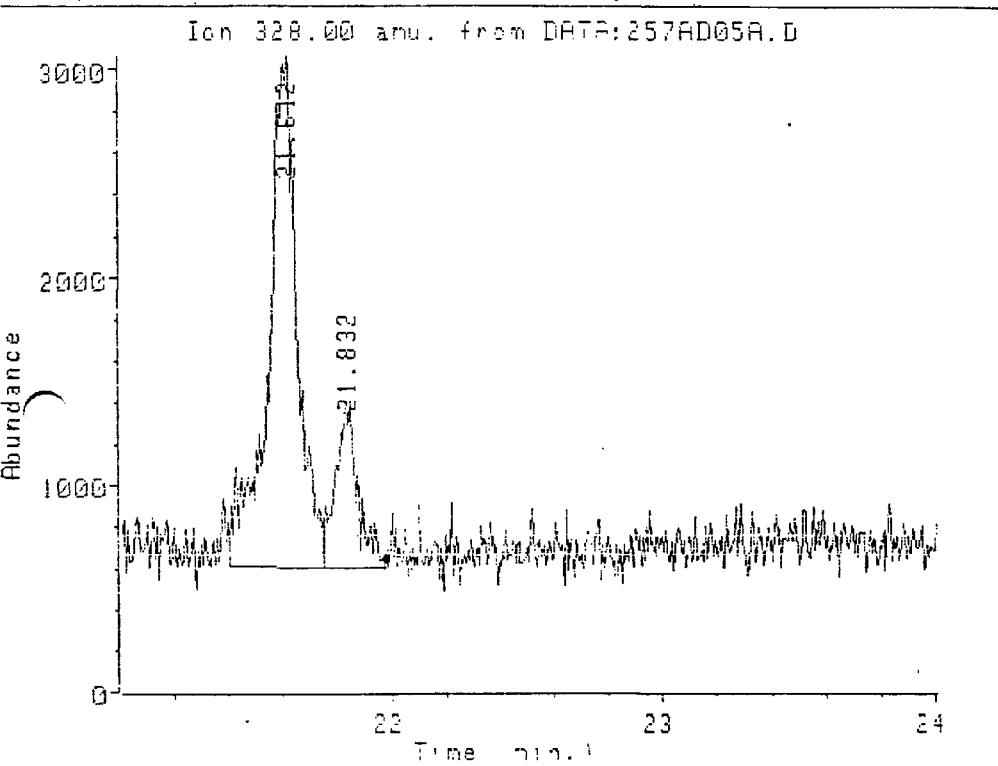
Instrument: MS_5970

Inlet : GC

Sequence index : 4

Als bottle num : 5

Replicate num : 1



Ion 328.00 amu. from DATA:257AD05A.D
HERCULES 2121

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.612	UU	0.093	1814042	21.408	21.743
2	21.832	UU	0.089	45501	21.748	21.973

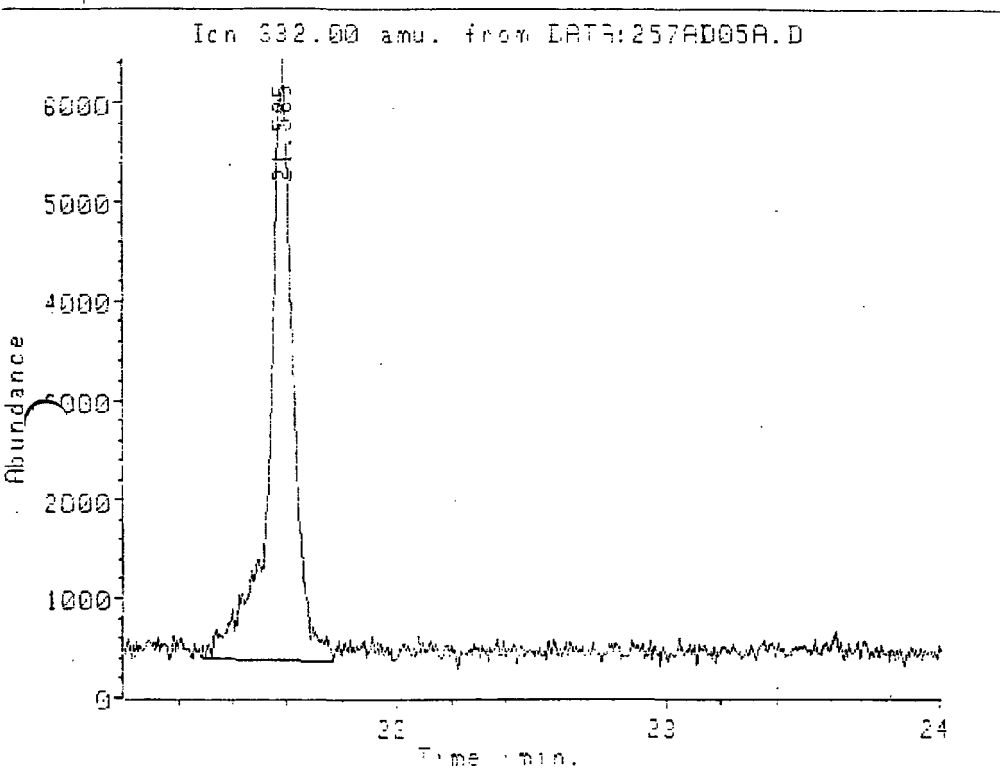
03224048

023837

Name Info: HERCULES 2121
Misc Info:
Operator : TMS

Date : 13 Sep 88 1:01 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Fls bottle num : 5
Replicate num : 1



Ion 332.00 amu. from DATA:257AD05A.D
HERCULES 2121

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.585	EV	0.077	365850	21.291	21.769

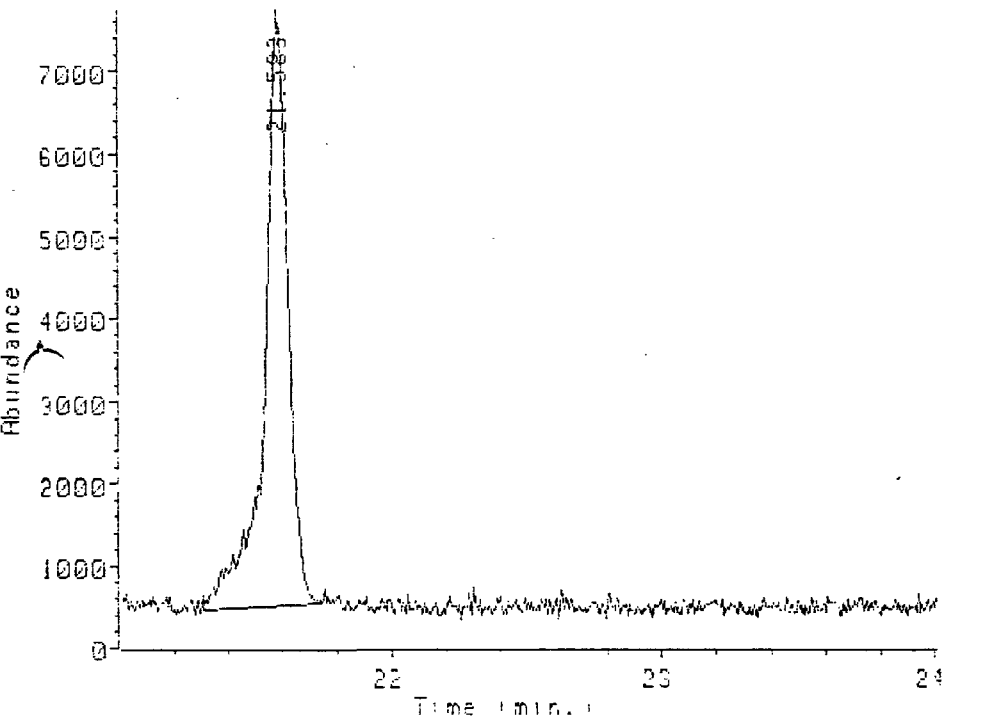
023838

Name Info: HERCULES 2121
Misc Info:
Operator : TMS

Date : 13 Sep 88 1:01 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 1

Ion 334.00 amu. from DATA:257AD05A.D



Ion 334.00 amu. from DATA:257AD05A.D
HERCULES 2121

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.587	PU	0.087	4386159	21.306	21.768

023839

Name Info: HERCULES 2206

Misc Info:

Operator : TMS

Date : 13 Sep 83 1:33 pm

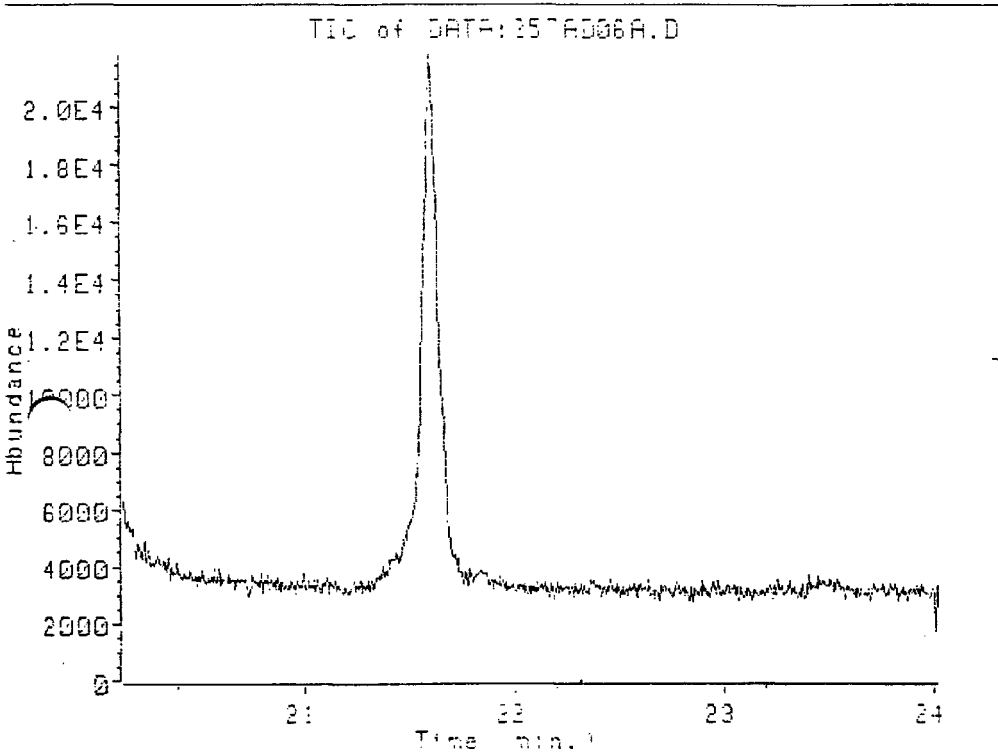
Instrument: MS_5970

Inlet : GC

Sequence index : 4

ALS bottle num : 5

Replicate num : 1

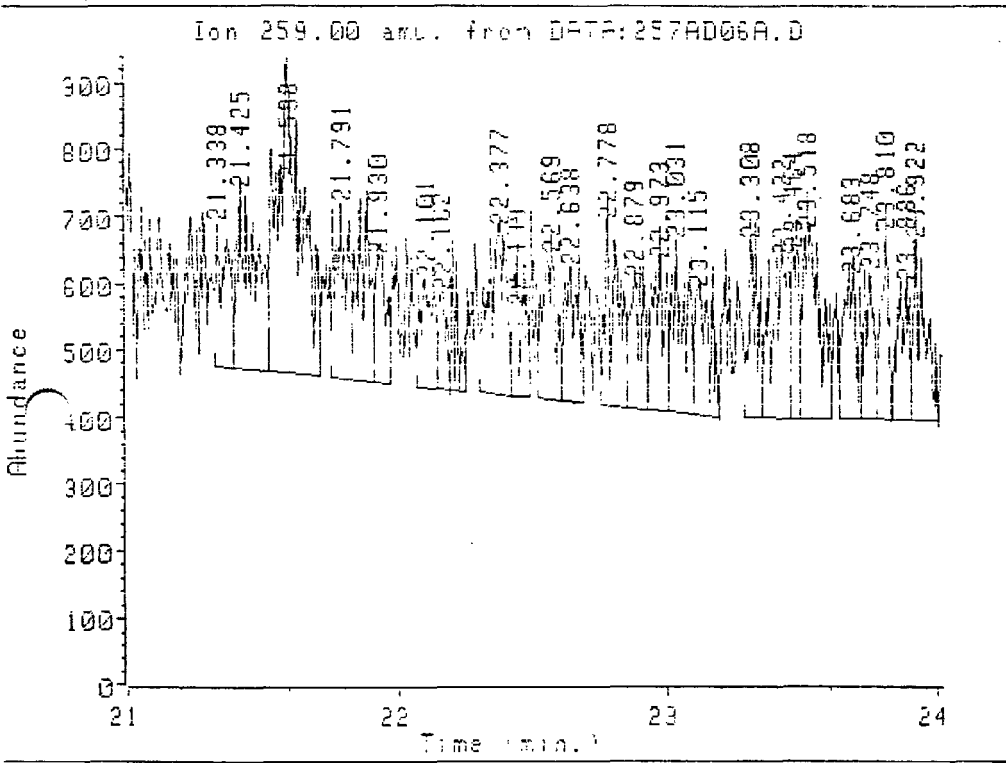


023840

Name Info: HERCULES 2206
Misc Info:
Operator : TMS

Date : 13 Sep 88 1:33 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 0
Replicate num : 1



023841

Ion 259.00 amu. from DATA:257AD006A.D
HERCULES 2206

Peak#	Ret. Time	Type	Width	Area	Start Time	End Time
1	21.338	U	0.048	6387	21.327	21.401
2	21.425	UU	0.061	12514	21.401	21.529
3	21.598	UU	0.080	27871	21.529	21.717
4	21.791	UU	0.103	46291	21.755	21.915
5	21.930	UU	0.037	5156	21.915	21.973
6	22.101	UU	0.048	5412	22.071	22.115
7	22.162	UU	0.063	5845	22.146	22.182
8	22.327	UU	0.067	11125	22.305	22.420
9	22.439	UU	0.065	5794	22.426	22.491
10	22.569	UU	0.047	7174	22.520	22.600
11	22.638	UU	0.046	6729	22.607	22.690

14	22.973	UU	0.048	7203	22.928	23.006
15	23.031	UU	0.061	8444	23.006	23.096
16	23.115	UU	0.063	7254	23.096	23.189
17	23.308	UU	0.034	5935	23.287	23.352
18	23.422	UU	0.071	10481	23.352	23.452
19	23.464	UU	0.033	5058	23.452	23.490
20	23.518	UU	0.074	12797	23.490	23.607
21	23.683	UU	0.055	7263	23.636	23.719
22	23.748	UU	0.033	5309	23.719	23.778
23	23.810	UU	0.027	5246	23.778	23.834
24	23.886	UU	0.045	5680	23.834	23.905
25	23.922	UBH	0.045	7419	23.905	24.001

023842 4 2115

03224053

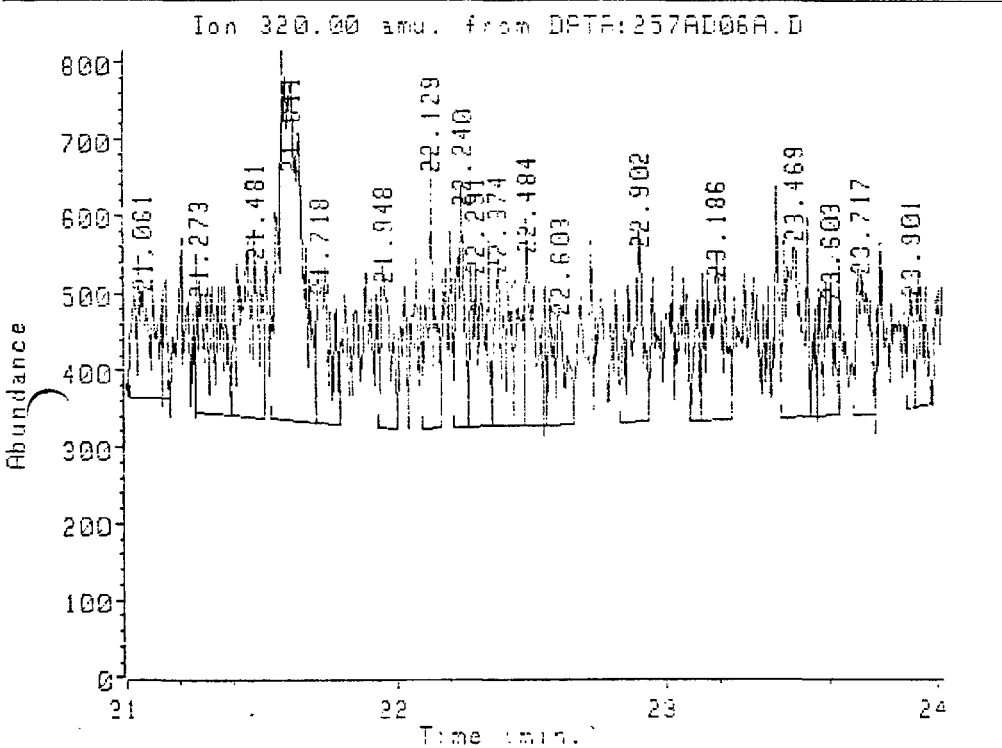
Data file: DATA:257AD06A.D
File type: GC / MS DATA FILE

4 2116

Name Info: HERCULES 2206
Misc Info:
Operator : TMS

Date : 13 Sep 88 1:33 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 0
Replicate num : 1



023843

Ion 320.00 amu. from DATA:257AD06A.D
HERCULES 2206

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.061	PH	0.063	8611	21.014	21.106
2	21.273	PH	0.097	8920	21.256	21.339
3	21.481	UU	0.067	10689	21.396	21.566
	21.611	UU	0.077	26142	21.538	21.710
	21.718	UU	0.058	6805	21.700	21.789
6	21.948	UU	0.046	5326	21.932	22.001
7	22.129	UU	0.027	5877	22.095	22.161
8	22.240	UU	0.027	5465	22.211	22.261
9	22.291	UU	0.059	7146	22.262	22.331
10	22.374	UU	0.064	9566	22.352	22.412
11	22.484	UU	0.045	6568	22.472	22.558

03224054

14	23.186	UU	0.079	10364	23.088	23.238
15	23.469	UU	0.065	10012	23.418	23.530
16	23.603	UU	0.055	6186	23.530	23.633
17	23.717	UU	0.050	6234	23.691	23.770
18	23.901	UU	0.051	5391	23.884	23.982

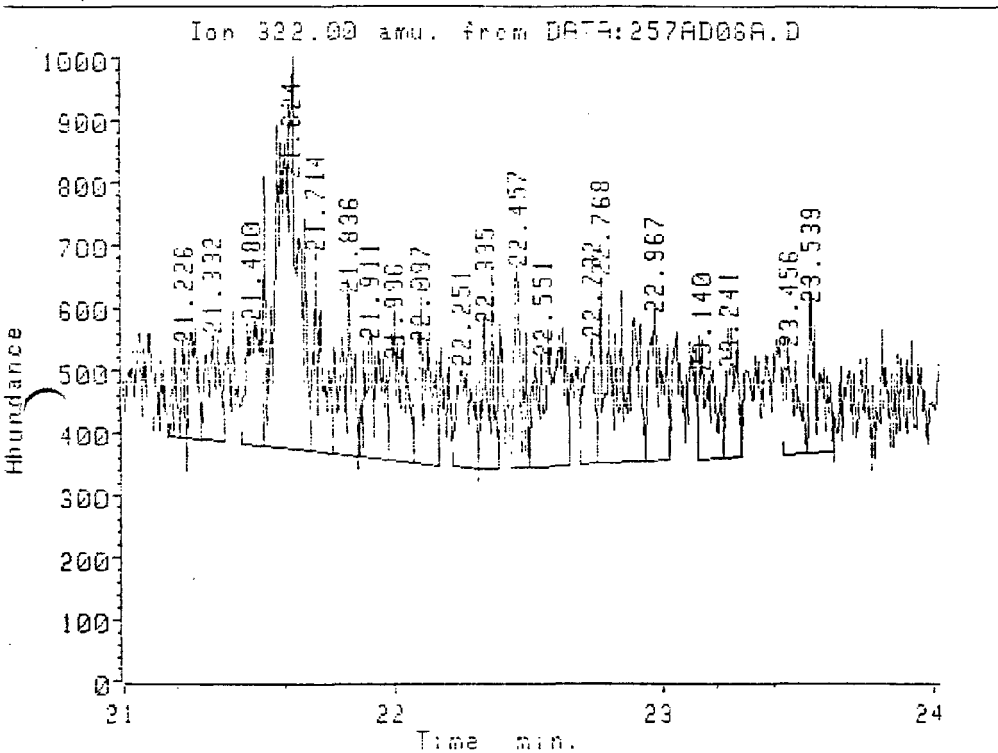
023844

4 2117

Name Info: HERCULES 2206
Misc Info:
Operator : TMS

Date : 13 Sep 88 1:33 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 6
Replicate num : 1



023845

Ion 322.00 amu. from DATA:257AD06A.D
HERCULES 2206

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.226	PU	0.067	5787	21.170	21.238
2	21.332	UU	0.055	6310	21.288	21.373
3	21.480	UU	0.042	7226	21.440	21.510
	21.624	UU	0.074	71102	21.520	21.691
	21.714	UU	0.041	6867	21.691	21.771
6	21.836	UU	0.041	7566	21.774	21.873
7	21.911	UU	0.061	7643	21.871	21.973
8	21.996	UU	0.067	7441	21.979	22.068
9	22.037	UU	0.060	8106	22.068	22.156
10	22.251	UU	0.052	9161	22.219	22.310
11	22.335	PU	0.031	6374	22.310	22.365

03224056

14	22.732	UU	0.041	5090	22.692	22.752
15	22.768	UU	0.099	14893	22.752	22.935
16	22.967	UU	0.052	7950	22.935	23.025
17	23.140	UU	0.066	5720	23.128	23.223
18	23.241	UU	0.047	5079	23.223	23.287
19	23.456	UU	0.039	5141	23.436	23.523
20	23.539	UU	0.038	6582	23.523	23.621

023846

4 2119

03224657

Misc Info:

Operator : TMS

Date : 13 Sep 88 1:33 pm

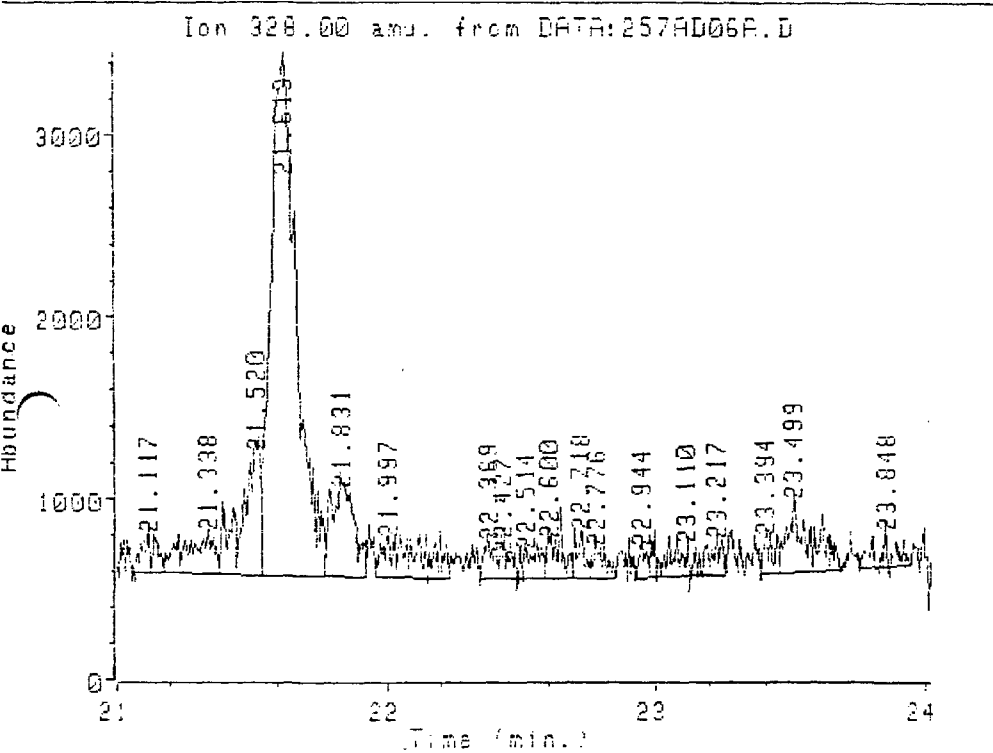
Instrument: MS_5970

Inlet : GC

Sequence index : 4

Als bottle num : 6

Replicate num : 1



Ion 328.00 amu. from DATA:257-006A.D
HERCULES 2206

Peak#	Ret. Time	Type	Width	Area	Start Time	End Time
1	21.117	B	0.051	7873	21.060	21.178
2	21.338	UU	0.127	16405	21.178	21.579
3	21.520	UU	0.085	35831	21.379	21.671
4	21.619	UU	0.085	182416	21.577	21.769
5	21.831	UU	0.075	31048	21.769	21.918
6	21.997	UU	0.152	21593	21.853	22.179
7	22.369	PU	0.041	5351	22.341	22.408
8	22.427	UU	0.058	6247	22.408	22.561
9	22.514	UU	0.062	6423	22.501	22.565
10	22.600	UU	0.065	9185	22.585	22.660
11	22.718	UU	0.032	5238	22.690	22.751

03224058

023847

14	23.110	UU	0.083	7937	23.014	23.164
15	23.217	UU	0.055	6266	23.164	23.253
16	23.394	UU	0.039	5796	23.376	23.449
17	23.499	UU	0.080	22487	23.449	23.676
18	23.848	UU	0.061	6701	23.745	23.939

4 2121

023848

03224059

Name Info: HERCULES 2206

Misc Info:

Operator : TMS

Date : 13 Sep 88 1:33 pm

Instrument: MS_5970

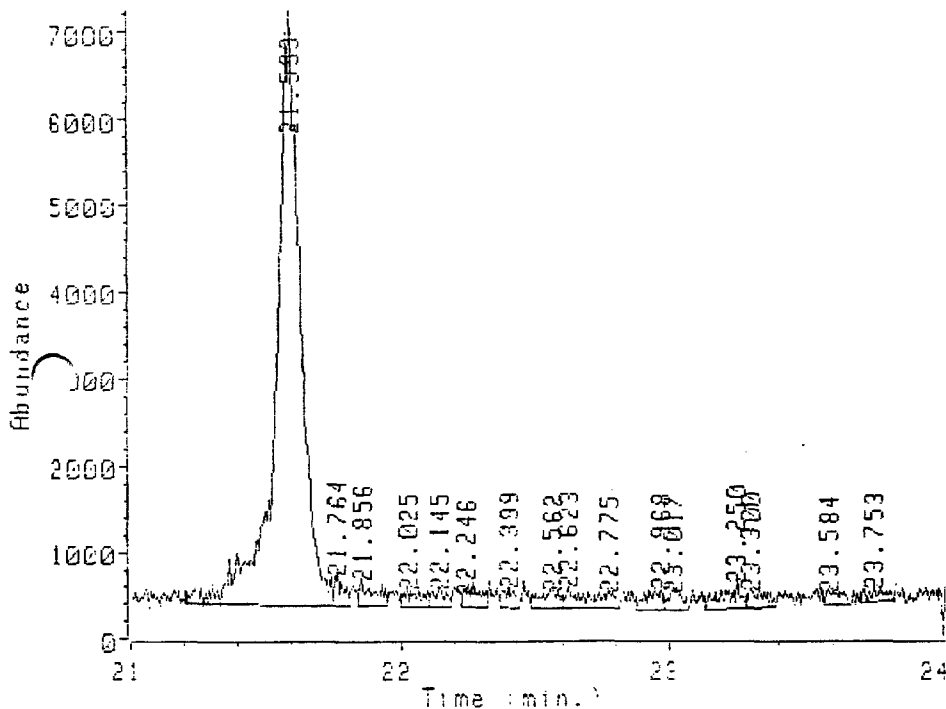
Inlet : GC

Sequence index : 4

Wls bottle num : 6

Replicate num : 1

Ion 332.00 amu. from DATA:257AD06A.D



023849

Ion 332.00 amu. from DATA:257AD06A.D
 HERCULES 2206

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.593	PU	0.082	101196	21.207	21.776
2	21.764	UU	0.038	8794	21.750	21.811
3	21.856	UU	0.057	10445	21.841	21.946
4	22.025	UU	0.055	7760	22.000	22.106
5	22.145	UU	0.050	6374	22.106	22.187
6	22.246	UU	0.105	9826	22.227	22.302
7	22.399	UU	0.046	6785	22.367	22.440
8	22.562	UU	0.057	9171	22.485	22.562
9	22.623	UU	0.047	8246	22.602	22.647
10	22.775	UU	0.059	6997	22.717	22.800
11	22.968	UU	0.060	8546	22.879	22.983

03224060

13	23.278	UU	0.061	7729	23.284	23.388
14	23.300	UU	0.061	7729	23.284	23.388
15	23.584	UU	0.064	6243	23.568	23.664
16	23.753	UU	0.064	7530	23.697	23.326

023850 + 2123

03224062

20 Data file: DATA:257AD06A.D
File type: GC / MS DATA FILE

4 2124

Name Info: HERCULES 2206

Misc Info:

Operator : TMS

Date : 13 Sep 88 1:33 pm

Instrument: MS_5970

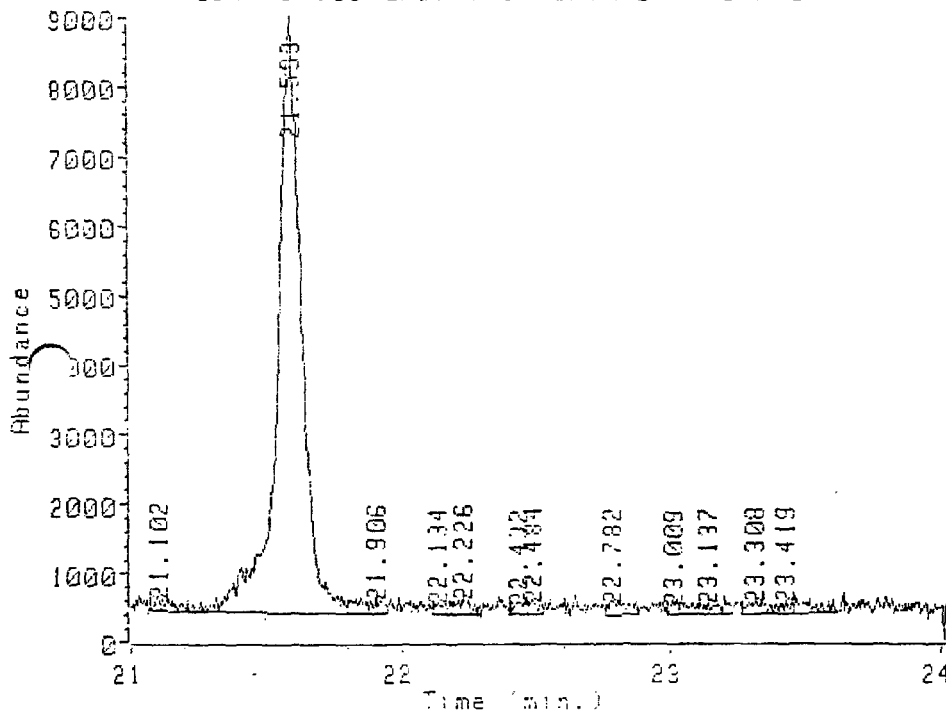
Inlet : GC

Sequence index : 4

Als bottle num : 6

Replicate num : 1

Ion 334.00 amu. from DATA:257AD06A.D



023851

Ion 334.00 amu. from DATA:257AD06A.D
HERCULES 2206

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.102	PU	0.070	3407	21.069	21.211
2	21.593	PU	0.096	526701	21.214	21.789
3	21.906	UU	0.074	10384	21.799	21.945
	22.134	UU	0.041	5170	22.117	22.150
	22.226	UU	0.045	5981	22.190	22.250
6	22.432	UU	0.050	5675	22.398	22.468
7	22.484	UU	0.047	5307	22.468	22.528
8	22.782	PU	0.065	9204	22.757	22.830
9	23.009	UU	0.072	7966	22.968	23.107
10	23.137	UU	0.056	7944	23.105	23.125
11	23.308	UU	0.054	7920	23.264	23.394

03224662

Data file: DATA:257AD07A.D
File type: GC / MS DATA FILE

Name Info: HERCULES 2208

Misc Info:

Operator: TMS

4 2125

Date : 13 Sep 88 2:06 pm

Instrument: MS_5970

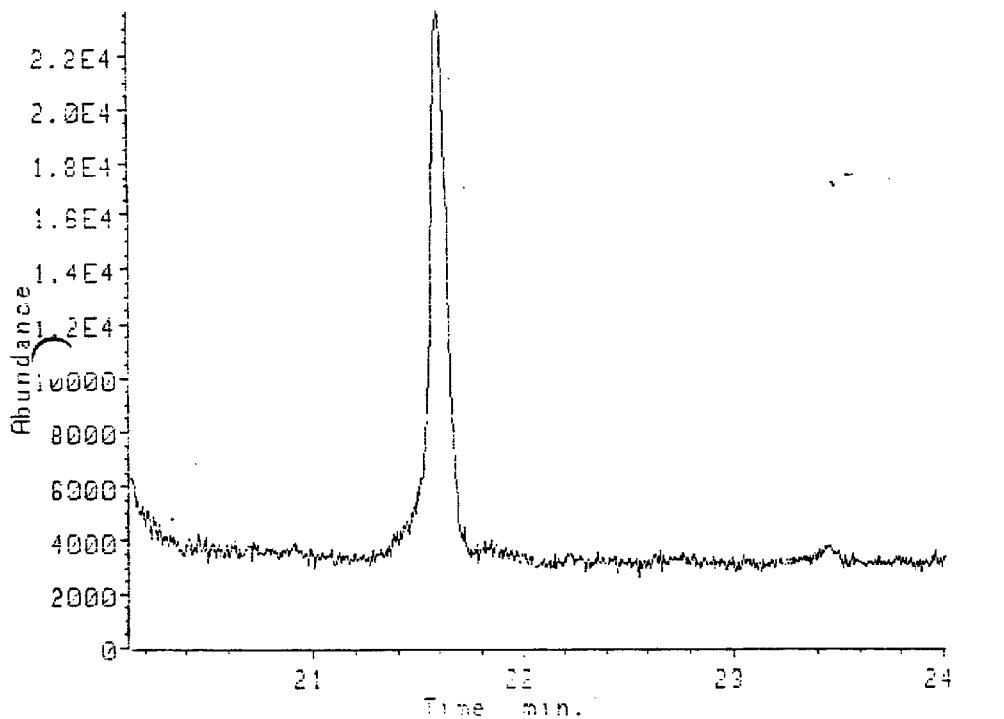
Inlet : GC

Sequence index : 4

His bottle num : 7

Replicate num : 1

TIC of DATA:257AD07A.D



023852

03224063

100 Data file: DATA:257AD07A.D
• File type: GC / MS DATA FILE

Name Info: HERCULES 2208

Misc Info:

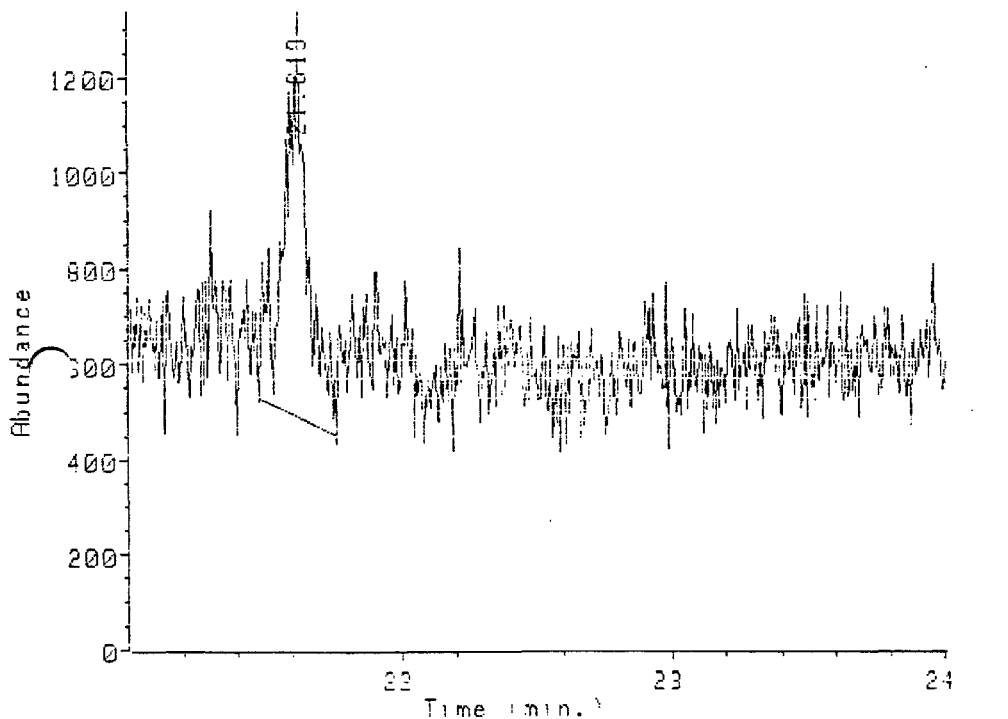
Operator : TMS

4 2126

Date : 13 Sep 88 2:06 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 7
Replicate num : 1

Ion 259.00 amu. from DATA:257AD07A.D



Ion 259.00 amu. from DATA:257AD07A.D
HERCULES 2208

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.619	PV	0.082	492861	21.485	21.757

023853

032:4064

208 Data file: DATA:257HD07A.D
File type: GC / MS DATA FILE

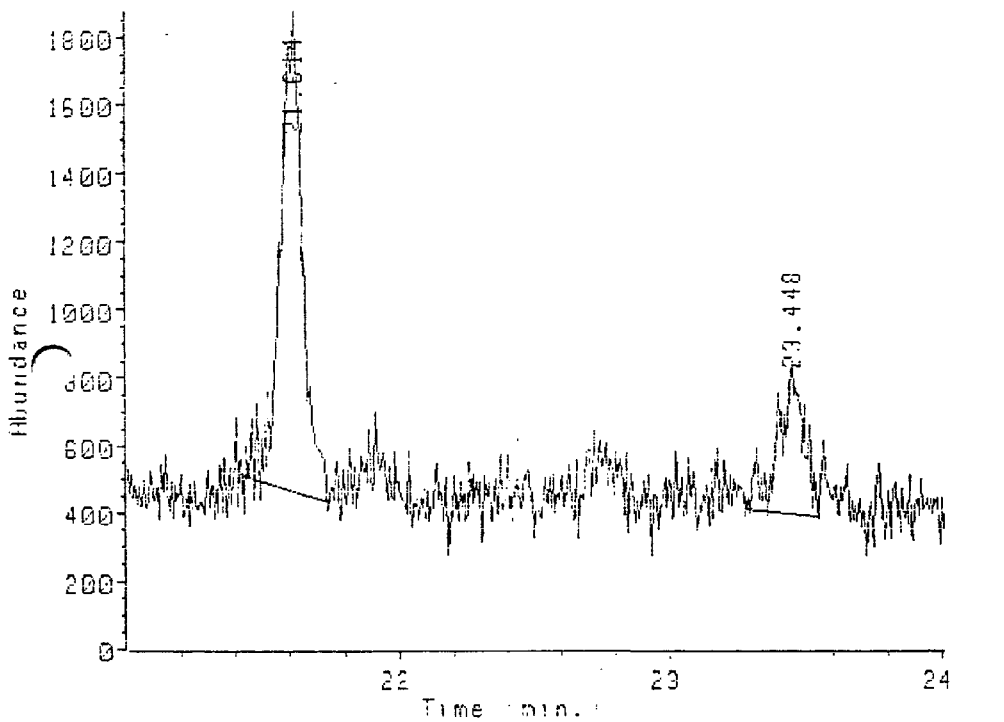
Name Info: HERCULES 2208
Misc Info:
Operator : TMS

4 2127

Date : 13 Sep 88 2:06 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 7
Replicate num : 1

Ion 320.00 amu. from DATA:257AD07A.D



023854

Ion 320.00 amu. from DATA:257-D07A.D
HERCULES 2208

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.614	EU	0.073	797091	21.417	21.740
2	23.448	EU	0.086	29112	23.273	23.644

03224665

1 Data file: DATA:257AD07A.D
File type: GC / MS DATA FILE

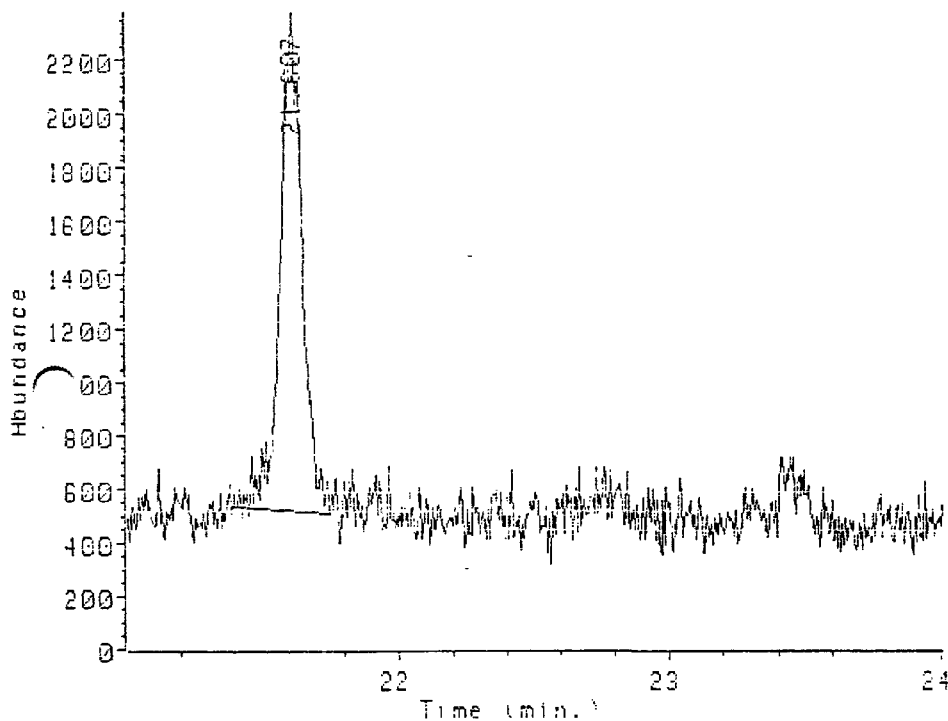
Name Info: HERCULES 2208
Misc Info:
Operator : TMS

4 2128

Date : 13 Sep 88 2:06 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 7
Replicate num : 1

Ion 322.00 amu. from DATA:257AD07A.D



Ion 322.00 amu. from DATA:257AD07A.D
HERCULES 2208

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.607	EV	0.075	105315	21.399	21.751

023855

03224066

Data file: DATA:257AD07A.D
File type: GC / MS DATA FILE

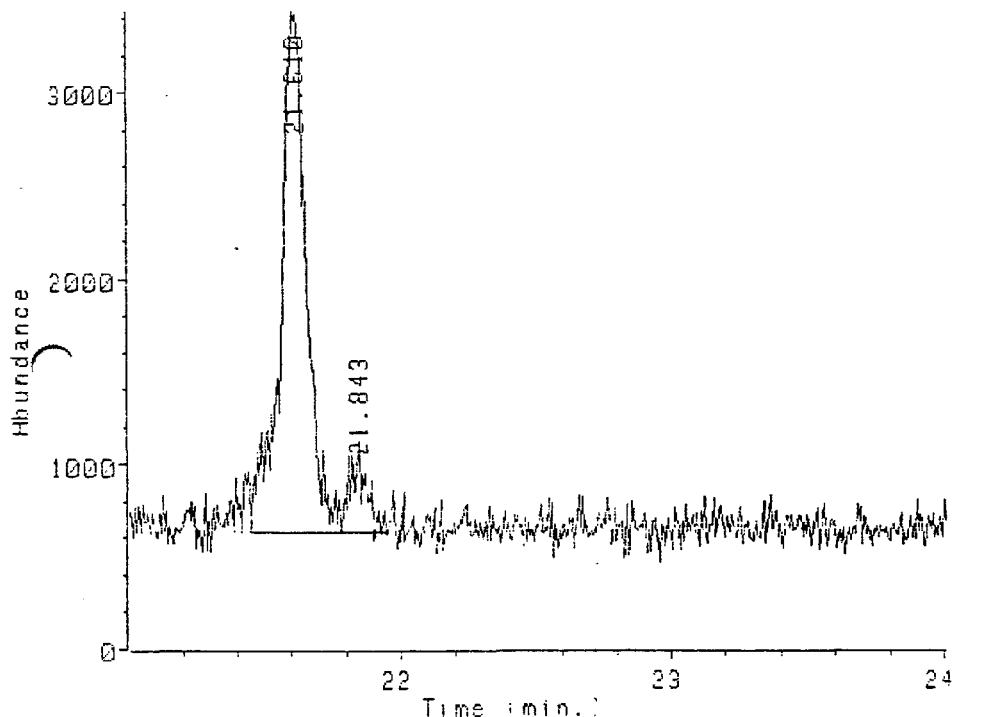
4 2129

Name Info: HERCULES 2208
Misc Info:
Operator : TMS

Date : 13 Sep 89 2:06 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 7
Replicate num : 1

Ion 328.00 amu. from DATA:257AD07A.D



Ion 328.00 amu. from DATA:257AD07A.D
HERCULES 2208

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.610	UU	0.097	185599.	21.454	21.761
2	21.843	UU	0.077	19355	21.781	21.954

023856

03224067

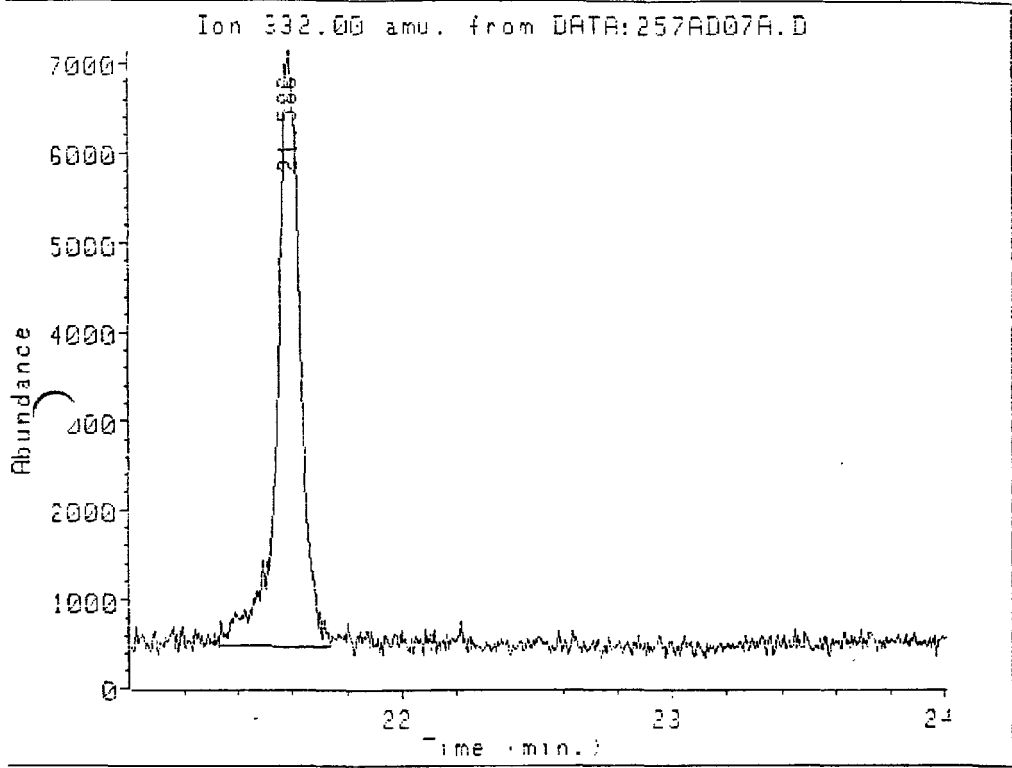
217 Data file: DATA:257AD07A.D
File type: GC / MS DATA FILE

Name Info: HERCULES 2208
Misc Info:
Operator : TMS

4 2130

ate : 13 Sep 88 2:06 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 7
Replicate num : 1



023857

Ion 332.00 amu. from DATA:257AD07A.D
HERCULES 2208

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.586	PV	0.081	3920971	21.312	21.735

03224068

Data file: DATA:257AD07A.D
File type: GC / MS DATA FILE

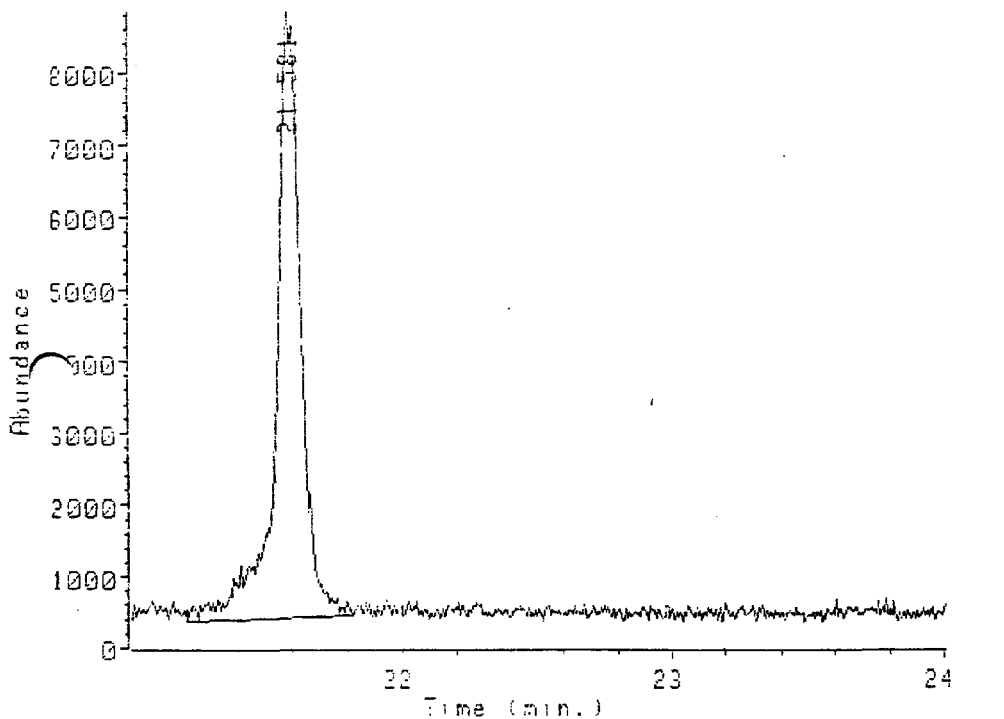
Name Info: HERCULES 2208
Misc Info:
Operator : TMS

4 2131

Date : 13 Sep 88 2:00 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 7
Replicate num : 1

Ion 334.00 amu. from DATA:257AD07A.D



023858

Ion 334.00 amu. from DATA:257AD07A.D
HERCULES 2208

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.581	PU	0.087	5409922	21.215	21.820

03224069

Data file: DATA:257AD08A.D
File type: GC / MS DATA FILE

Name Info: HERCULES 2257

Misc Info:

Operator : TMS

4 2132

Date : 13 Sep 88 2:39 pm

Instrument: MS_5970

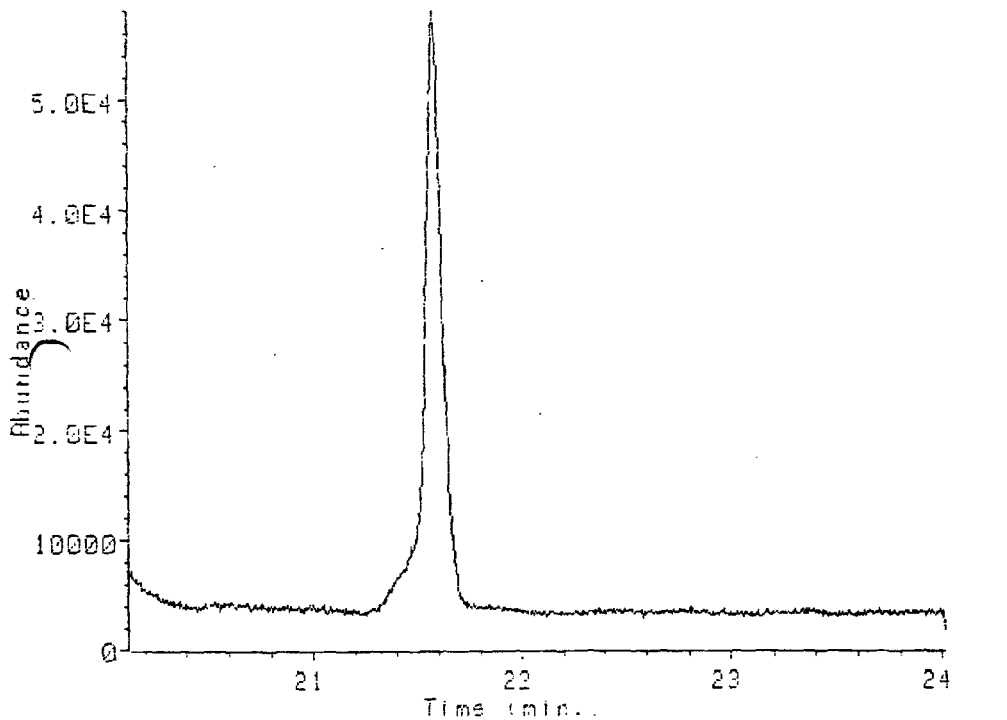
Inlet : GC

Sequence index : 4

His bottle num : 8

Replicate num : 1

TIC of DATA:257AD08A.D



023859

03224070

Data file: DATA:257AD08A.D
File type: GC / MS DATA FILE

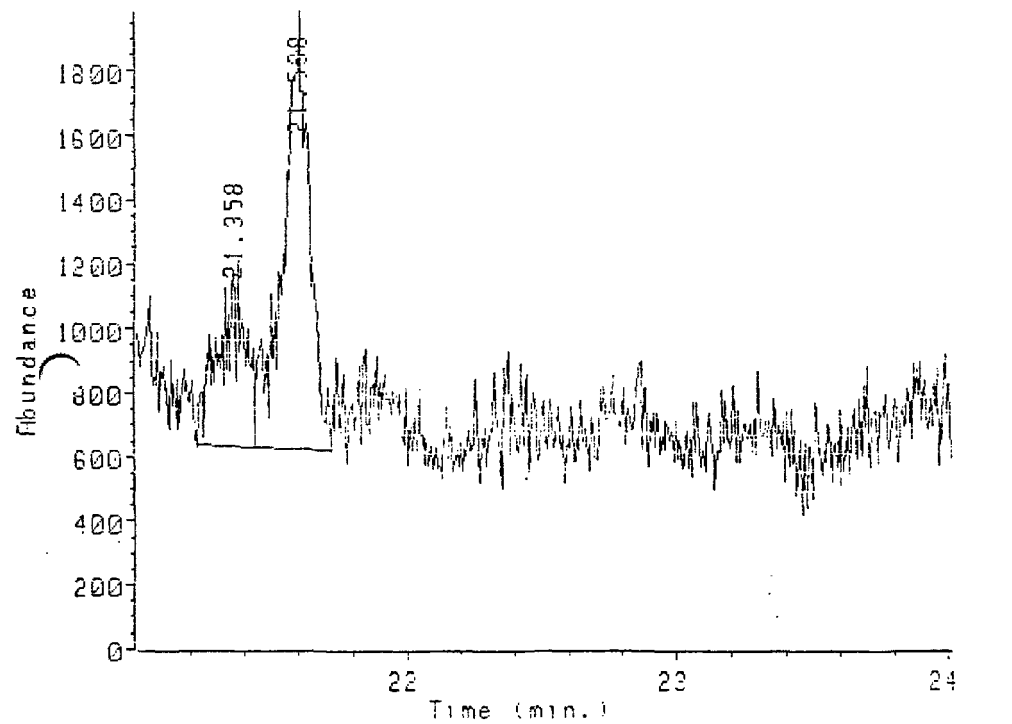
Name Info: HERCULES 2257
Misc Info:
Operator : TMS

4 2133

Date : 13 Sep 88 2:39 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 8
Replicate num : 1

Ion 259.00 amu. from DATA:257AD08A.D



023860

Ion 259.00 amu. from DATA:257AD08A.D
HERCULES 2257

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.358	PU	0.107	36767	21.225	21.439
2	21.598	UU	0.094	900364	21.439	21.722

03224071

Data file: DATA:257AD08A.D
File type: GC / MS DATA FILE

4 2134

Name Info: HERCULES 2257

Misc Info:

Operator : TMS

Date : 13 Sep 88 2:39 pm

Instrument: MS_5970

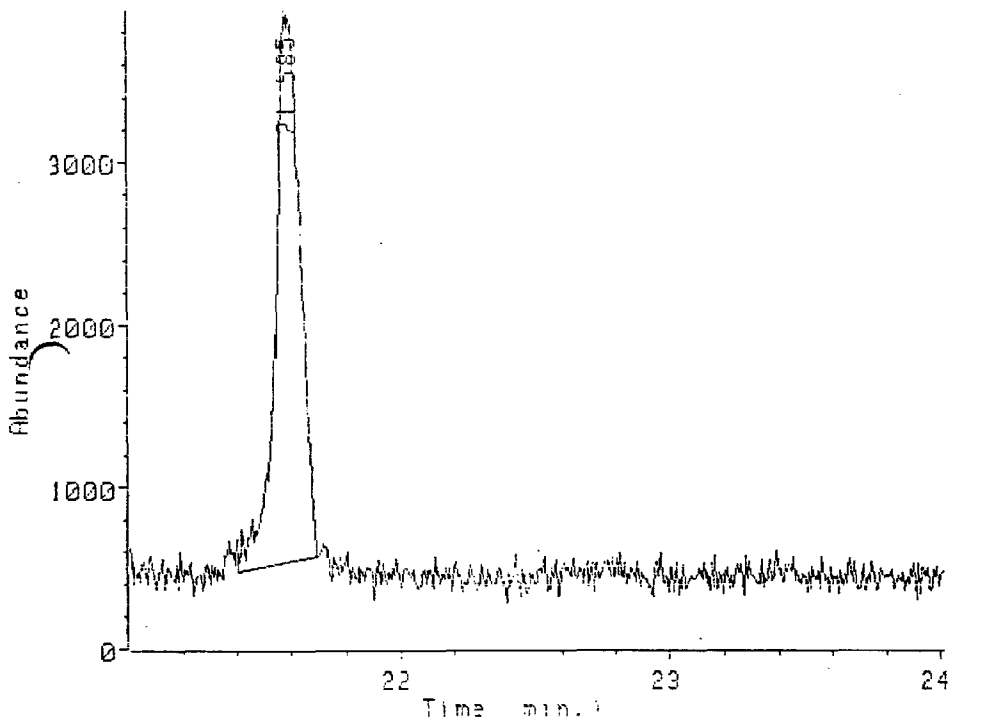
Inlet : GC

Sequence index : 4

Als bottle num : 8

Replicate num : 1

Ion 320.00 amu. from DATA:257AD08A.D



023861

Ion 320.00 amu. from DATA:257AD08A.D
HERCULES 2257

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.585	UU	0.090	2087691	21.408	21.760

03224072

28 Data file: DATA:257AD08A.D
File type: GC / MS DATA FILE

Name Info: HERCULES 2257

Misc Info:

Operator : TMS

4 2135

Date : 13 Sep 88 2:39 pm

Instrument: MS_5970

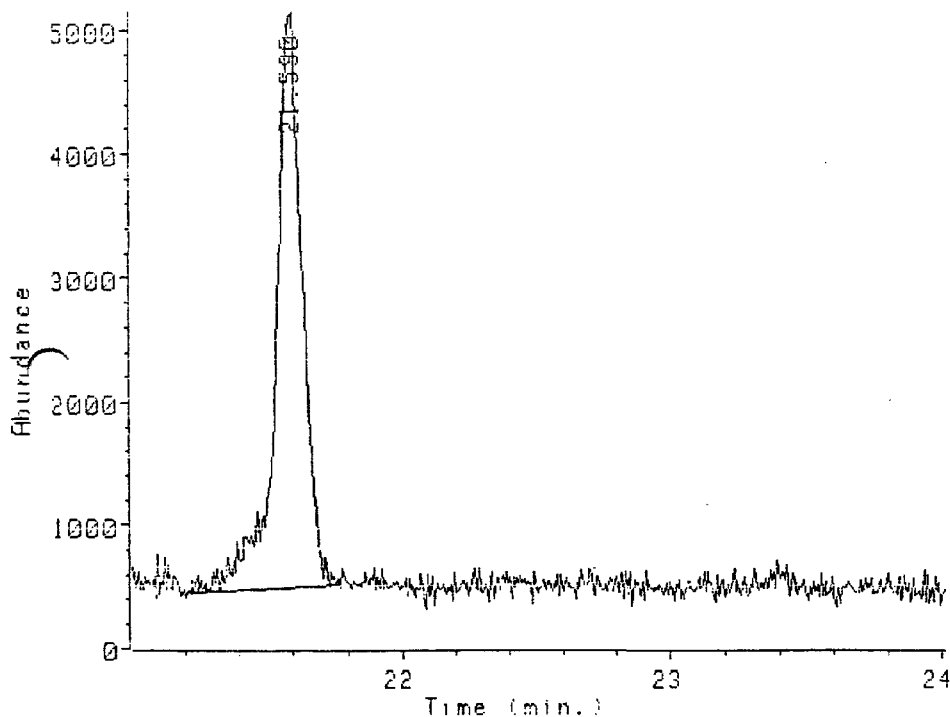
Inlet : GC

Sequence index : 4

Als bottle num : 8

Replicate num : 1

Ion 322.00 amu. from DATA:257AD08A.D



Ion 322.00 amu. from DATA:257AD08A.D
HERCULES 2257

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.590	BU	0.092	211273	21.225	21.775

023862

03224073

718 Data file: DATA:257AD08A.D
File type: GC / MS DATA FILE

Name Info: HERCULES 2257

Misc Info:

Operator: TMS

4 2136

Date : 13 Sep 88 2:39 pm

Instrument: MS_5970

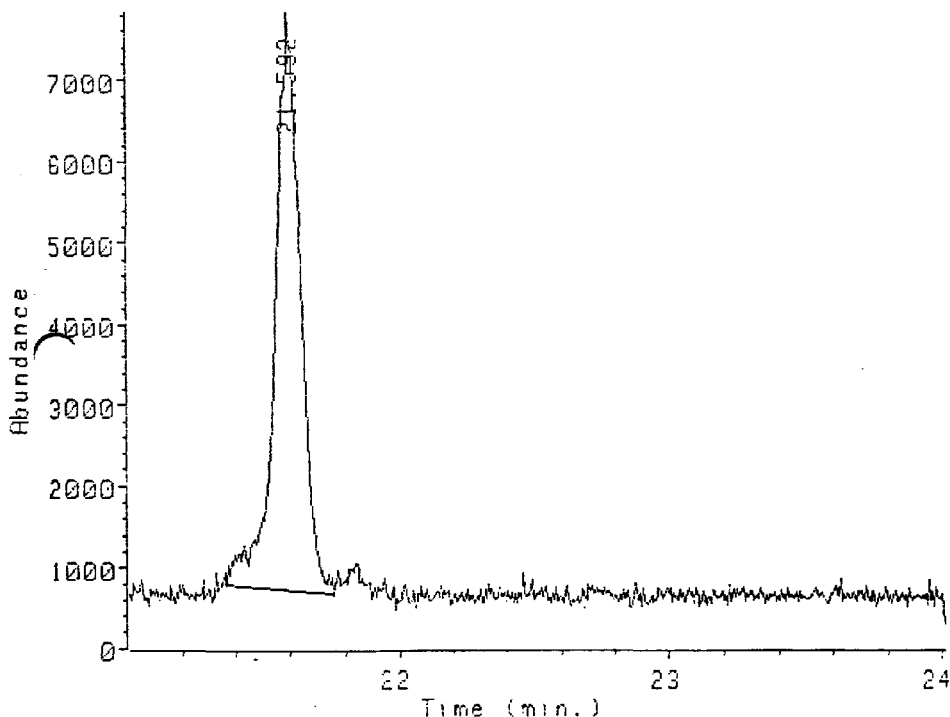
Inlet : GC

Sequence index : 4

Als bottle num : 8

Replicate num : 1

Ion 328.00 amu. from DATA:257AD08A.D



023863

Ion 328.00 amu. from DATA:257AD08A.D
HERCULES 2257

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.592	BU	0.086	49825	21.359	21.756

03224074

714 Data file: DATA:257AD08A.D
File type: GC / MS DATA FILE

Name Info: HERCULES 2257

Misc Info:

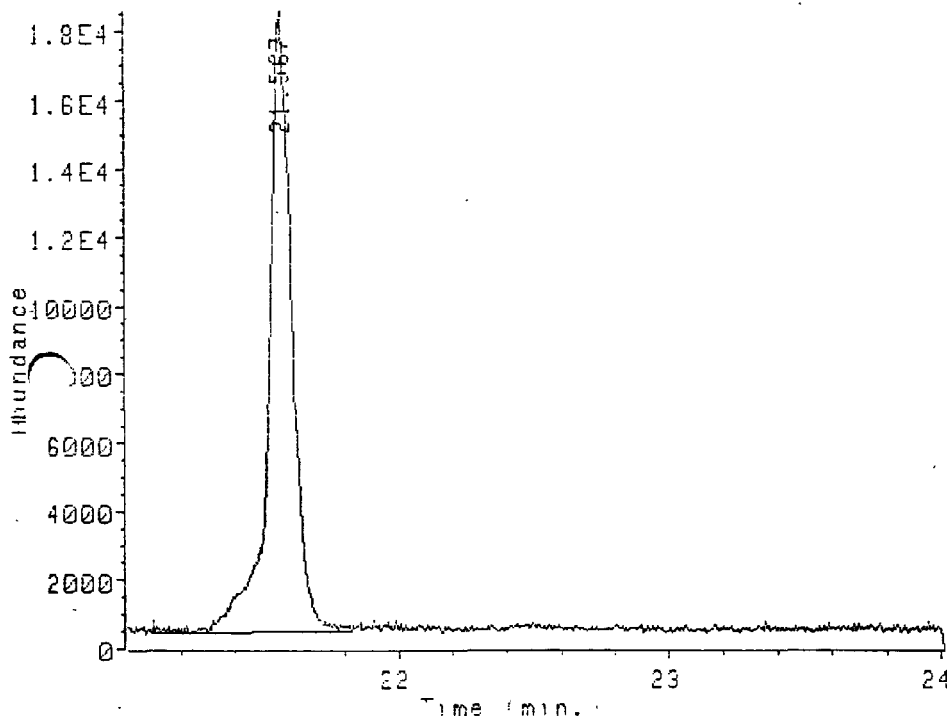
Operator : TMS

4 2137

Date : 13 Sep 88 2:39 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 8
Replicate num : 1

Ion 332.00 amu. from DATA:257AD08A.D



023864

Ion 332.00 amu. from DATA:257AD08A.D
HERCULES 2257

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.567	6.0	0.080	105210.7	21.096	21.829

0324075

270
Data file: DATA:257AD08A.D
File type: GC / MS DATA FILE

4 2138

Name Info: HERCULES 2257

Misc Info:

Operator : TMS

Date : 13 Sep 88 2:39 pm

Instrument: MS_5970

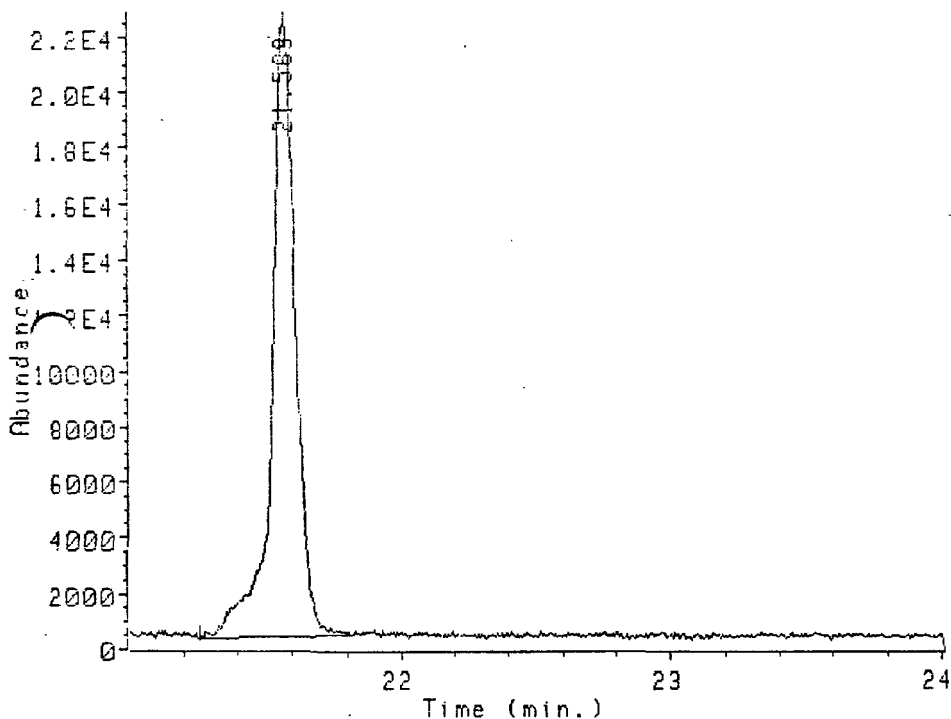
Inlet : GC

Sequence index : 4

ALS bottle num : 8

Replicate num : 1

Ion 334.00 amu. from DATA:257AD08A.D



023865

Ion 334.00 amu. from DATA:257AD08A.D
HERCULES 2257

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.259	PU	0.087	<u>1325183</u>	21.259	21.328

03234076

CHAIN-OF-CUSTODY RECORD

R/A Control No. 003478

C/C Control No. 47126

PROJECT NAME/NUMBER Jacksonville Offsite/480078.01.08.02

LAB DESTINATION TMS-Indianapolis, Indiana

SAMPLE TEAM MEMBERS Peggy Orleans McBray

CARRIER/WAYBILL NO. 9088172752 FED X

Sample Number	Sample Location and Description	Date and Time Collected	Sample Type	Container Type	Condition on Receipt (Name and Date)	Disposal Record No.
WH1449	Jacksonville, Arkansas	07/10/88 0908	Soil	125cc Glass		
WH1450		07/10/88 0908				
WH1466		07/08/88 0930				
WH1467		07/08/88 0930				
WH1468		07/08/88 0930				
WH1469		07/08/88 1010				
WH1471		07/08/88 1032				
WH1474		07/08/88 1200				
WH1475		07/08/88 1215				
WH1476	Jacksonville, Arkansas	07/08/88 0130	Soil	125cc Glass		

Special Instructions: _____

Possible Sample Hazards: Dioxin

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished By: Dan McBray 07/11/88 0140

Received By: Fed Express

2. Relinquished By: Fed Express

Received By: Signature Hammer 7/12/88

09:25

3. Relinquished By: _____

Received by: _____

4. Relinquished By: _____

Received By: _____

CHAIN-OF-CUSTODY RECORD

R/A Control No. 883 479

C/C Control No. 47127

PROJECT NAME/NUMBER Jacksonville Offsite/480078.01.08.02

LAB DESTINATION TMS-Indianapolis, Indiana

SAMPLE TEAM MEMBERS Perry, Orban, McBray

CARRIER/WAYBILL NO. 9088172752 FedEx

03224078

Sample Number	Sample Location and Description	Date and Time Collected	Sample Type	Container Type	Condition on Receipt (Name and Date)	Disposal Record No.
WH1480	Jacksonville, Arkansas	07/08/01 1520	Soil	125cc GLASS		
WH1481		07/08/01 1522	Soil			
WH1482		07/08/01 1458	Liquid			
WH1483		07/08/01 1543	Soil			
WH1480		07/09/01 1017				
WH1491		07/09/01 1025				
WH1482		07/09/01 1058				
WH1493		07/09/01 1017				
WH1494		07/09/01 1017				
WH1485	Jacksonville, Arkansas	07/09/01 1017	Soil	125cc GLASS		

Special Instructions: _____

Possible Sample Hazards: Dioxin

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished By: Doug Perry 07/11/01 0910

Received By: Ed Express

2. Relinquished By: Ed Express

Received By: James J. Hansen 7/12/01 09:25

3. Relinquished By: _____

Received by: _____

4. Relinquished By: _____

Received By: _____

CHAIN-OF-CUSTODY RECORD

R/A Control No. B83482

C/C Control No. 47130

PROJECT NAME/NUMBER Jacksonville Offsite/480078.01.08.02

LAB DESTINATION TMS-Indianapolis, Indiana

SAMPLE TEAM MEMBERS Ray McCoy Saffer

CARRIER/WAYBILL NO. FED X 9088122252

Sample Number	Sample Location and Description	Date and Time Collected	Sample Type	Container Type	Condition on Receipt (Name and Date)	Disposal Record No.
WH2031	Jacksonville, Arkansas	07/11/88 1102	SOEL	125CC GLASS		
WH2032		07/11/88 1102				
WH2033		07/11/88 1138				
WH2037		07/11/88 1516				
WH2038		07/11/88 1516				
WH2039		07/11/88 1601				
WH2040		07/11/88 1601	SOEL	GLASS 125CC		
WH2041	ADP 07/11/88	07/11/88				
WH2045		07/11/88 1715	SEDIMENT	SDOML AMBKA		
WH2046	Jacksonville, Arkansas	07/11/88 1715	SEDIMENT	SDOML AMBKA		

Special Instructions: _____

Possible Sample Hazards: Dioxin

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished By: Dave Beck 07/11/88 1910

Received By: Fed Express

2. Relinquished By: Fed Express

Received By: Lynne E. Hammer 7/12/88

3. Relinquished By: _____

Received by: _____

4. Relinquished By: _____

Received By: _____



CHAIN-OF-CUSTODY RECORD

C/C Control No. 47131

0322-4680

LAB DESTINATION TMS-Indianapolis, Indiana

CARRIER/WAYBILL NO. FED X 9088172752

[illegible]

Special Instructions:

Possible Sample Hazards: Dioxin

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished By: Dave Key 07/11/88 • 1910

Received By: Ed Express

2. Relinquished By: KD Express

Received By: Luzanne L. Hamner 3/12/98 0923

3. Relinquished By: _____

Received by: _____

4. Relinquished By: _____

Received By: _____

CHAIN-OF-CUSTODY RECORD

R/A Control No. 883480
47128
C/C Control No.

1907-2260

PROJECT NAME/NUMBER Jacksonville Offsite/480078.01.08.02

LAB DESTINATION TMS-Indianapolis, Indiana

SAMPLE TEAM MEMBERS Perry Onbeau McRay

CARRIER/WAYBILL NO. FEO x 9088172752

Sample Number	Sample Location and Description	Date and Time Collected	Sample Type	Container Type	Condition on Receipt (Name and Date)	Disposal Record No.
WH1496	Jacksonville, Arkansas	07/09/88 01017	Soil	125cc Seal		
WH1497		07/09/88 01017				
WH1498		07/09/88 01058				
WH1499		07/09/88 01135				
WH2000		07/09/88 01129				
2-8-2001711						
WH2004		07/09/88 01546				
WH2005		07/09/88 01546				
WH2006		07/09/88 01622				
WH2010		07/09/88 01725	Liquid	Seal		
WH2015	Jacksonville, Arkansas	07/10/88 01032	Soil	125cc		

Special Instructions: _____

Possible Sample Hazards: Dioxin

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished By: Daney/By 07/11/88 01910

Received By: Fed Express

3. Relinquished By: _____

Received by: _____

2. Relinquished By: Fed Express

Received By: Supervisor J. Thanner 7/12/88

4. Relinquished By: _____

Received By: _____

CHAIN-OF-CUSTODY RECORD

R/A Control No. B 83493

C/C Control No. 47148

PROJECT NAME/NUMBER Jacksonville Offsite/480078.01.08.02

LAB DESTINATION TMS-Indianapolis, Indiana

SAMPLE TEAM MEMBERS A. PEERY, P. SIMERLY

CARRIER/WAYBILL NO. FIA 580

Sample Number	Sample Location and Description	Date and Time Collected	Sample Type	Container Type	Condition on Receipt (Name and Date)	Disposal Record No.
WH 2018	Jacksonville, Arkansas	07/10/88 1110	SOI	CHAR GLASS		
WH 2019		07/10/88 1336	SOI	CHAR GLASS		
WH 2021		07/10/88 1326	SOI	CHAR GLASS		
WH 2022		07/10/88 1430	SOI	CHAR GLASS		
WH 1477		07/08/88 1237	SOI	CHAR GLASS		
WH 1478		07/08/88 1258	SOI	CHAR GLASS		

Special Instructions: _____

Possible Sample Hazards: Dioxin

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished By: Shirley ITAS 07/18/88 2000

Received By: Federal Express

2. Relinquished By: Federal Express

Received By: Optima Kansas

3. Relinquished By: _____

Received by: _____

4. Relinquished By: _____

Received By: _____

4 2145


**INTERNATIONAL
TECHNOLOGY
CORPORATION**

218520

CHAIN-OF-CUSTODY RECORD
R/A Control No. B 83450C/C Control No. 47135PROJECT NAME/NUMBER Jacksonville Offsite/480078.01.08.02LAB DESTINATION TMS-Indianapolis, IndianaSAMPLE TEAM MEMBERS D. Peery, D. SimerlyCARRIER/WAYBILL NO. PER EXP.

Sample Number	Sample Location and Description	Date and Time Collected	Sample Type	Container Type	Condition on Receipt (Name and Date)	Disposal Record No.
WH2096	Jacksonville, Arkansas	07/15/88 0752	50:1	CHAR GLASS		
WH2100		07/15/88 0905	50:1	CHAR GLASS		
WH2103		07/15/88 1035	50:1	CHAR GLASS		
WH2104		07/15/88 1035	50:1	CHAR GLASS		
WH2106		07/15/88 1122	50:1	CHAR GLASS		
WH2107		07/15/88 1122	50:1	CHAR GLASS		
WH2111		07/15/88 1540	50:1	CHAR GLASS		
WH2112		07/15/88 1545	50:1	CHAR GLASS		
WH2113		07/15/88 1640	50:1	CHAR GLASS		
WH2117		07/15/88 1800	6:00:0	CHAR GLASS		

Special Instructions: _____

Possible Sample Hazards: Dioxin

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished By: Donald J. Smith, ITTAS 7/18/88 2000

3. Relinquished By: _____

Received By: Victor Express

Received by: _____

2. Relinquished By: Victor Express

4. Relinquished By: _____

Received By: Victor Express

Received By: _____

2140



INTERNATIONAL
TECHNOLOGY
CORPORATION

023873

CHAIN-OF-CUSTODY RECORD

R/A Control No. B83491C/C Control No. 47136PROJECT NAME/NUMBER Jacksonville Offsite/480078.01.08.02LAB DESTINATION TMS-Indianapolis, IndianaSAMPLE TEAM MEMBERS D. Peery, D. SimceyCARRIER/WAYBILL NO. FED. EXP.

Sample Number	Sample Location and Description	Date and Time Collected	Sample Type	Container Type	Condition on Receipt (Name and Date)	Disposal Record No.
WH2118	Jacksonville, Arkansas	07/16/88 0800	soil	CLEAR GLASS		
WH2119		07/16/88 0900	soil	CLEAR GLASS		
WH2120		07/16/88 1100	soil	CLEAR GLASS		
WH2121		07/16/88 1110	soil	CLEAR GLASS		
WH2122		07/16/88 1140	soil	CLEAR GLASS		
WH2123		07/16/88 1520	soil	CLEAR GLASS		
WH2124		07/16/88 1540	soil	CLEAR GLASS		
WH2125		07/16/88 1620	soil	CLEAR GLASS		
WH2129		07/16/88 1722	Liquid, Hexane	CLEAR GLASS		
WH2130		07/17/88 0830	SEDIMENT	AMBER GLASS		

Special Instructions: _____

Possible Sample Hazards: Dioxin

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished By: Handwritten: STEAS 7/18/88 2000

3. Relinquished By: _____

Received By: Handwritten: Federal Express

Received by: _____

2. Relinquished By: Handwritten: Federal Express

4. Relinquished By: _____

Received By: Handwritten: Christopher Kraus

Received By: _____

03224084



**INTERNATIONAL
TECHNOLOGY
CORPORATION**

023874

CHAIN-OF-CUSTODY RECORD

R/A Control No. 65700

C/C Control No. 47152

PROJECT NAME/NUMBER Jacksonville Office 480078

LAB DESTINATION TMS - Indianapolis, Indiana

SAMPLE TEAM MEMBERS D. Simonsky + D. Perry

CARRIER/WAYBILL NO. FED Ex #443526J582

[illegible]

Special Instructions: _____

Possible Sample Hazards: _____

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished By: L. Angpoey 08/01/88 @ 1600 hrs

Received By: _____

3. Relinquished By: _____

Received by: _____

2. Relinquished By: Federal Express

4. Relinquished By: _____

Received By: Norm Hecring 8/2/88 09:20A.M.

Received By: _____



578520

CHAIN-OF-CUSTODY RECORD

R/A Control No. 52245C/C Control No. 47149PROJECT NAME/NUMBER Jacksonville Offsite/480078.01.08.02LAB DESTINATION TMS-Indianapolis, IndianaSAMPLE TEAM MEMBERS D. Simally & D. PeayCARRIER/WAYBILL NO. FED X 9088172914

Sample Number	Sample Location and Description	Date and Time Collected	Sample Type	Container Type	Condition on Receipt (Name and Date)	Disposal Record No.
WH210D	Jacksonville, Arkansas	07/15/88 —	Soil	GLASS		
WH2108		07/13/88 • 1528				
WH2061		07/15/88 —				
WH2128		07/16/88 —				
WH2126		07/16/88 —				
WH2127		07/16/88 —				
WH2060		07/17/88 • 1320				
WH2109		07/15/88 —				
WH2286		07/26/88 • 0832				
WH2287		07/26/88 • 0832	Soil	GLASS		

Special Instructions: _____

Possible Sample Hazards: Dioxin

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished By: D. Peay 07/27/88 • 1030

Received By: _____

2. Relinquished By: Federal ExpressReceived By: Cynthia Krauss 07/28/88 0930

3. Relinquished By: _____

Received by: _____

4. Relinquished By: _____

Received By: _____

4 2149



INTERNATIONAL
TECHNOLOGY
CORPORATION

918320

CHAIN-OF-CUSTODY RECORD

4F0078

R/A Control No. 52246

C/C Control No. 38235

PROJECT NAME/NUMBER

Jacksonville Offsite

LAB DESTINATION

TMS Andersonville Rd.

SAMPLE TEAM MEMBERS

D. L. Lundy, D. L. Lundy

CARRIER/WAYBILL NO.

FED EX 9089172914

Sample Number	Sample Location and Description	Date and Time Collected	Sample Type	Container Type	Condition on Receipt (Name and Date)	Disposal Record No.
WH2289	Jacksonville Arkansas	07/26/88 1055	Soil	GLASS		
WH2305		07/26/88 1453				
WH2306		07/26/88 1453				
WH2307		07/26/88 1510				
WH2311		07/26/88 1615				
WH2312		07/26/88 1615				
WH2313		07/26/88 1615				
WH2314		07/26/88 1630				
WH2316		07/26/88 1630				
WH2317	Jacksonville Offsite	07/26/88 1630	Soil	GLASS		

Special Instructions:

Possible Sample Hazards:

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished By:

D. L. Lundy 07/27/88 0930

Received By:

3. Relinquished By:

Received by:

2. Relinquished By:

Federal Express

Received By:

D. L. Lundy 07/28/88 0930

4. Relinquished By:

Received By:

03224057

4 2150



INTERNATIONAL
TECHNOLOGY
CORPORATION

LL8220

CHAIN-OF-CUSTODY RECORD

R/A Control No. 1383489

C/C Control No. 47144

PROJECT NAME/NUMBER Jacksonville Offsite/480078.01.08.02

LAB DESTINATION TMS-Indianapolis, Indiana

SAMPLE TEAM MEMBERS D. Sinaly & D. Perry

CARRIER/WAYBILL NO. FED X 9088172822

MDP 07/25

Sample Number	Sample Location and Description	Date and Time Collected	Sample Type	Container Type	Condition on Receipt (Name and Date)	Disposal Record No.
WH2220	Jacksonville, Arkansas	07/22/88 • 1126	SLUDGE	GLASS		
WH2221		07/22/88 • 1147				
WH2222		07/22/88 • 1159				
WH2224		07/22/88 • 1126				
WH2226		07/22/88 • 1159				
WH2227		07/22/88 • 1500				
WH2228		07/22/88 • 1610				
WH2229		07/22/88 • 1610				
WH2230		07/22/88 • 1610				
WH2232		07/22/88 • 1610				

Special Instructions: _____

Possible Sample Hazards: Dioxin

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished By: Doug Perry 07/25/88 • 1900hrs

3. Relinquished By: _____

Received By: _____

Received by: _____

2. Relinquished By: Federal Express 7-26-88

4. Relinquished By: _____

Received By: Julie Noble 7-26-88 0930

Received By: _____

0322:4088



INTERNATIONAL
TECHNOLOGY
CORPORATION

878520

CHAIN-OF-CUSTODY RECORD

R/A Control No. 885502

C/C Control No. 47145

0322-4089

PROJECT NAME/NUMBER Jacksonville Offsite/480078.01.08.02

LAB DESTINATION TMS-Indianapolis, Indiana

SAMPLE TEAM MEMBERS D. Simerly & D. Peery

CARRIER/WAYBILL NO. FED X 9088172822

Sample Number	Sample Location and Description	Date and Time Collected	Sample Type	Container Type	Condition on Receipt (Name and Date)	Disposal Record No.
W42235	Jacksonville, Arkansas	07/27/88 0902	SAEL	GLASS		
W42234		07/27/88 0902				
W42235		07/27/88 0902				
W42236		07/27/88 0902				
W42237		07/27/88 0902				
W42238		07/27/88 0905	SAEL			
W42240		07/27/88 1116	LIQUID			
W42241		07/27/88 1116	SAEL			
W42242		07/27/88 1645	S S			
W42243		07/27/88 1710	SAEL	GLASS		

Special Instructions: _____

Possible Sample Hazards: Dioxin

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished By: Doug Peery 07/25/88 0900

3. Relinquished By: _____

Received By: _____

Received by: _____

2. Relinquished By: Federal Express 7-26-88

4. Relinquished By: _____

Received By: Julie Noble 7-26-88 0930

Received By: _____

CHAIN-OF-CUSTODY RECORD

R/A Control No. 883501

C/C Control No. 47143

0322-4690

PROJECT NAME/NUMBER Jacksonville Offsite/480078.01.08.02

LAB DESTINATION TMS-Indianapolis, Indiana

SAMPLE TEAM MEMBERS D. Simarly & A. Peay

CARRIER/WAYBILL NO. FED X 9088172822

Sample Number	Sample Location and Description	Date and Time Collected	Sample Type	Container Type	Condition on Receipt (Name and Date)	Disposal Record No.
W/H 2244	Jacksonville, Arkansas	07/25/88 1655	Soil	GLASS		
W/H 2245		07/25/88 1650	Soil			
W/H 2246		07/25/88 1635				
W/H 2247		07/25/88 1640				
W/H 2248		07/24/88 1102				
W/H 2250		07/24/88 1102				
W/H 2252		07/24/88 1206				
W/H 2257		07/24/88 1516				
W/H 2258		07/24/88 1516				
W/H 2259		07/25/88 0822	Soil	GLASS		

Special Instructions: _____

Possible Sample Hazards: Dioxin

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished By: Doug Peay 07/25/88 1500 hrs

Received By: _____

3. Relinquished By: _____

Received by: _____

2. Relinquished By: Federal Express 7-26-88

Received By: Julie Noble 7-26-88 0930

4. Relinquished By: _____

Received By: _____

088220



INTERNATIONAL
TECHNOLOGY
CORPORATION

CHAIN-OF-CUSTODY RECORD

R/A Control No. 52243C/C Control No. 47146

03224091

PROJECT NAME/NUMBER Jacksonville Offsite/480078.01.08.02LAB DESTINATION TMS-Indianapolis, Indiana

SAMPLE TEAM MEMBERS

D. Sinaly & D. PerryCARRIER/WAYBILL NO. FED X 9088172822

Sample Number	Sample Location and Description	Date and Time Collected	Sample Type	Container Type	Condition on Receipt (Name and Date)	Disposal Record No.
WH2263	Jacksonville, Arkansas	07/25/88 0856	Soil	GLASS		
WH2264		07/25/88 0856	Soil			
WH2266		07/25/88 1121				
WH2267		07/25/88 1121				
WH2271		07/25/88 1405				
WH2272		07/25/88 1405				
WH2273		07/25/88 1432				
WH2277		07/25/88 1535				
WH2278		07/25/88 1535	SOFL			
WH2280		07/25/88 1538	LEQUHO			

Special Instructions: _____

Possible Sample Hazards: Dioxin

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished By: Doug Perry 07/25/88 1800h

Received By: _____

2. Relinquished By: Federal Express 7-26-88Received By: Julie K. Hilde 7-26-88 0930

3. Relinquished By: _____

Received by: _____

4. Relinquished By: _____

Received By: _____

CHAIN-OF-CUSTODY RECORD

R/A Control No. 52244

C/C Control No. 47150

03224092

PROJECT NAME/NUMBER Jacksonville Offsite/480078.01.08.02

LAB DESTINATION TMS-Indianapolis, Indiana

SAMPLE TEAM MEMBERS D.O. Smith & D. Ray

CARRIER/WAYBILL NO. FEDEX 9088172822

Sample Number	Sample Location and Description	Date and Time Collected	Sample Type	Container Type	Condition on Receipt (Name and Date)	Disposal Record No.
W42281	Jacksonville, Arkansas	07/25/88 • 1800	LIQUID	40 mL VOA		
W42282	✓ ✓ ✓	07/25/88 • 1610	SOL	12 PC GLASS		
W42283	✓ ✓ ✓	07/24/88 • 1430	LIQUID	GLASS		

Special Instructions: _____

Possible Sample Hazards: Dioxin

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished By: Dany Ray 07/25/88 • 1800

Received By: _____

3. Relinquished By: _____

Received by: _____

2. Relinquished By: Federal Express 7-26-88

Received By: Julie Koble 7-26-88 (930)

4. Relinquished By: _____

Received By: _____



INTERNATIONAL
TECHNOLOGY
CORPORATION

288320

CHAIN-OF-CUSTODY RECORD

R/A Control No. B83488

C/C Control No. 47142

PROJECT NAME/NUMBER Jacksonville Offsite/480078.01.08.02

LAB DESTINATION TMS-Indianapolis, Indiana

SAMPLE TEAM MEMBERS D. Gennady & D. Percy

CARRIER/WAYBILL NO. F&D X 9088172811

Sample Number	Sample Location and Description	Date and Time Collected	Sample Type	Container Type	Condition on Receipt (Name and Date)	Disposal Record No.
WH2206	Jacksonville, Arkansas	07/21/88 • 1029	Soil	GLASS		
WH2208		07/21/88 • 1126				
WH2209		07/21/88 • 1126				
WH2210		07/21/88 • 1126				
WH2212		07/21/88 • 1450				
WH2213		07/21/88 • 1450				
WH2214		07/21/88 • 1555				
WH2207		07/21/88 • 1029				
WH2215		07/21/88 • 1555	Soil	GLASS		
WH2209	Jacksonville, Arkansas	07/15/88	Soil	GLASS		
WH2099						

Special Instructions: _____

Possible Sample Hazards: Dioxin

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished By: Dave Percy 07/21/88 • 1800 hrs

Received By: _____

2. Relinquished By: Federal Express

Received By: Christopher K. ... 07/22/88

0940

3. Relinquished By: _____

Received by: _____

4. Relinquished By: _____

Received By: _____

REQUEST FOR ANALYSIS

R/A Control No. D 03481

C/C Control No. 47129

588520

PROJECT NAME Jacksonville Offsite
PROJECT NUMBER 480078.01.08.02
PROJECT MANAGER Dana S. Simerly
BILL TO Hercules, Incorporated
1313 N. Market Street
Wilmington, DE 19894
PURCHASE ORDER NO. _____

DATE SAMPLES SHIPPED _____
LAB DESTINATION _____
LABORATORY CONTACT _____
SEND LAB REPORT TO _____

TMS Analytical Services, Inc.
Cindy Krauss

Florence K. Kinoshita, Ph.D.

Medical Dept.

Hercules, Inc.

48 Hrs.

DATE REPORT REQUIRED _____

PROJECT CONTACT _____

PROJECT CONTACT PHONE NO. (501) 982-1513

Dana S. Simerly

Sample No.	Sample Type	Sample Volume	Preservative	Requested Testing Program	Special Instructions
WH2016	Soil	~ 35g	None	2,3,7,8-TCDD GC/MS/MS	
WH2017	Liquid	~ 50ml			Report total liquid volume
WH2023	Soil	~ 35g			
WH2024					
WH2025					
WH2026					
WH2027					
WH2029					
WH2030	Soil	~ 35g	None	2,3,7,8-TCDD GC/MS/MS	

TURNAROUND TIME REQUIRED: (Rush must be approved by the Project Manager.)

Normal _____ Rush ☒ (Subject to rush surcharge)

POSSIBLE HAZARD IDENTIFICATION: (Please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances)

Nonhazardous _____ Flammable _____ Skin Irritant _____ Highly Toxic _____ PCDD/PCDF
Other _____ (Please Specify)

SAMPLE DISPOSAL: (Please indicate disposition of sample following analysis. Lab will charge for packing, shipping, and disposal.)

Return to Client ☒ Disposal by Lab _____

FOR LAB USE ONLY

Received By Lynne P. Hammer

Date/Time 7/12/96 11:35

WHITE - Original
YELLOW - Field

03224694



788520

REQUEST FOR ANALYSIS

R/A Control No.

B 83479

C/C Control No.

47127

07/11/85

TMS Analytical Services, Inc.

Cindy Krauss

Florence K. Kinoshita, Ph.D.

Medical Dept.

Hercules, Inc.

48 Hrs.

Dana S. Simerly

(501) 982-1513

PROJECT NAME Jacksonville Offsite
PROJECT NUMBER 480078.01.08.02
PROJECT MANAGER Dana S. Simerly
BILL TO Hercules, Incorporated
1313 N. Market Street
Wilmington, DE 19894
PURCHASE ORDER NO.

DATE SAMPLES SHIPPED
LAB DESTINATION
LABORATORY CONTACT
SEND LAB REPORT TO

DATE REPORT REQUIRED
PROJECT CONTACT
PROJECT CONTACT PHONE NO.

Sample No.	Sample Type	Sample Volume	Preservative	Requested Testing Program	Special Instructions
WH1480	Soil	≈ 35g	None	2,3,7,8-TCDD GC/MS/MS	
WH1481	Soil	≈ 35g			
WH1482	Liquid	≈ 50mls			Plant total liquid sol.
WH1483	Soil	≈ 35g			
WH1489					
WH1491					
WH1492					
WH1493					
WH1494					
WH1495	Soil	≈ 35g	None	2,3,7,8-TCDD GC/MS/MS	

TURNAROUND TIME REQUIRED: (Rush must be approved by the Project Manager.)

Normal _____ Rush ☒ (Subject to rush surcharge)

POSSIBLE HAZARD IDENTIFICATION: (Please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances)

Nonhazardous _____ Flammable _____ Skin Irritant _____ Highly Toxic _____ Other ☐ PCDD/PCDF (Please Specify)

SAMPLE DISPOSAL: (Please indicate disposition of sample following analysis. Lab will charge for packing, shipping, and disposal.)

Return to Client ☒ Disposal by Lab _____

FOR LAB USE ONLY

Received By Sydney P. HammerDate/Time 2/12/88 0125WHITE - Original accompany samples
YELLOW - Field copy

07/11/88

PROJECT NAME Jacksonville Offsite
PROJECT NUMBER 480078.01.08.02
PROJECT MANAGER Dana S. Simerly
BILL TO Hercules, Incorporated
1313 N. Market Street
Wilmington, DE 19894
PURCHASE ORDER NO. _____

DATE SAMPLES SHIPPED _____
LAB DESTINATION _____
LABORATORY CONTACT _____
SEND LAB REPORT TO _____

TMS Analytical Services, Inc.
Cindy Krauss
Florence K. Kinoshita, Ph.D.
Medical Dept.
Hercules, Inc.
48 Hrs.
Dana S. Simerly
PROJECT CONTACT PHONE NO. (501) 982-1513

Sample No.	Sample Type	Sample Volume	Preservative	Requested Testing Program	Special Instructions
WH1449	<u>Soil</u>	<u>~ 35g</u>	<u>None</u>	2,3,7,8-TCDD GC/MS/MS	
WH1450					
WH1461					
WH1467					
WH1468					
WH1469					
WH1471					
WH1474					
WH1475					
WH1476	<u>Soil</u>	<u>~ 35g</u>	<u>None</u>	2,3,7,8-TCDD GC/MS/MS	

TURNAROUND TIME REQUIRED: (Rush must be approved by the Project Manager.)

Normal _____

Rush ☒ (Subject to rush surcharge)

POSSIBLE HAZARD IDENTIFICATION: (Please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances)

Nonhazardous _____

Flammable _____

Skin Irritant _____

Highly Toxic _____

Other PCDD/PCDF
(Please Specify)

SAMPLE DISPOSAL: (Please indicate disposition of sample following analysis. Lab will charge for packing, shipping, and disposal.)

Return to Client ☒

Disposal by Lab _____

FOR LAB USE ONLY

Received By [Signature]

Date/Time 7/14/88 09:25

WHITE - Original company samples
YELLOW - Field copy

0322:4656



988220

REQUEST FOR ANALYSIS

R/A Control No.

B 83482

C/C Control No.

77120

PROJECT NAME Jacksonville Offsite
PROJECT NUMBER 480078.01.08.02
PROJECT MANAGER Dana S. Simerly
BILL TO Hercules, Incorporated
1313 N. Market Street
Wilmington, DE 19894

DATE SAMPLES SHIPPED
LAB DESTINATION
LABORATORY CONTACT
SEND LAB REPORT TO

07/11/88
TMS Analytical Services, Inc.
Cindy Krauss
Florence K. Kinoshita, Ph.D.
Medical Dept.

Hercules, Inc.48 Hrs.Dana S. Simerly

PURCHASE ORDER NO. _____

DATE REPORT REQUIRED

PROJECT CONTACT

PROJECT CONTACT PHONE NO. (501) 982-1513

Sample No.	Sample Type	Sample Volume	Preservative	Requested Testing Program	Special Instructions
WH2031	Soil	≈ 35g	None	2,3,7,8-TCDD GC/MS/MS	
WH2032					
WH2033					
WH2037					
WH2038					
WH2039					
WH2040	Soil	≈ 35g			
WH2045	Sediment	≈ 50g			
WH2046	Sediment	≈ 50g	None	2,3,7,8-TCDD GC/MS/MS	

TURNAROUND TIME REQUIRED: (Rush must be approved by the Project Manager.)

Normal _____

Rush ☒

(Subject to rush surcharge)

POSSIBLE HAZARD IDENTIFICATION: (Please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances)

Nonhazardous _____

Flammable _____

Skin Irritant _____

Highly Toxic _____

PCDD/PCDF

Other _____
(Please Specify)

SAMPLE DISPOSAL: (Please indicate disposition of sample following analysis. Lab will charge for packing, shipping, and disposal.)

Return to Client ☒

Disposal by Lab _____

FOR LAB USE ONLY

Received By Angela S. HammerDate/Time 2/12/88 10:25

WHITE - Original accompany samples
YELLOW - Field copy

4 2161

YOUR BILLING REFERENCE INFORMATION (FIRST 24 CHARACTERS WILL APPEAR ON INVOICE.)

RECIPIENT'S COPY

AIRBILL NUMBER

SHIPPER'S CERTIFICATION FOR RESTRICTED ARTICLES/DANGEROUS GOODS

~~CHECK ONE~~

☐ ICAO

(TYPE OR PRINT)

**ADDITIONAL
DESCRIPTION
REQUIREMENTS
FOR
RADIOACTIVE
MATERIALS
(SEE BACK)**

IF ACCEPTABLE FOR PASSENGER AIRCRAFT, THIS SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN, OR
ENT TO, RESEARCH, MEDICAL DIAGNOSIS OR TREATMENT.

I HEREBY DECLARE THAT THE CONTENTS OF THIS CONSIGNMENT ARE FULLY AND ACCURATELY DESCRIBED ABOVE BY PROPER SHIPPING NAME AND ARE CLASSIFIED, PACKED, MARKED, AND LABELED, AND ARE IN ALL RESPECTS IN PROPER CONDITION FOR TRANSPORT BY AIR ACCORDING TO THE APPLICABLE INTERNATIONAL AND NATIONAL GOVERNMENT REGULATIONS.

NAME AND TITLE OF SHIPPER		PLACE AND DATE	0323-4459
EMERGENCY TELEPHONE NUMBER	SIGNATURE OF SHIPPER		



688220

REQUEST FOR ANALYSIS

B 83493
R/A Control No.
C/C Control No. 47148

7/18/88

PROJECT NAME Jacksonville Offsite
PROJECT NUMBER 480078.01.08.02
PROJECT MANAGER Dana S. Simerly
BILL TO Hercules, Incorporated
1313 N. Market Street
Wilmington, DE 19894

DATE SAMPLES SHIPPED
LAB DESTINATION
LABORATORY CONTACT
SEND LAB REPORT TO

TMS Analytical Services, Inc.
Cindy Krauss
Florence K. Kinoshita, Ph.D.
Medical Dept.
Hercules, Inc.

PURCHASE ORDER NO. _____

DATE REPORT REQUIRED

48 Hrs.

PROJECT CONTACT

Dana S. Simerly

PROJECT CONTACT PHONE NO. (501) 982-1513

Sample No.	Sample Type	Sample Volume	Preservative	Requested Testing Program	Special Instructions
WH2018	50:1	~ 35.5	NA	2,3,7,8-TCDD GC/MS/MS	
WH2019	50:1	~ 35.5	NA		
WH2021	50:1	~ 35.5	NA		
WH2022	50:1	~ 35.5	NA		
WH1477	50:1	~ 35.5	NA		
WH1478	50:1	~ 35.5	NA		

TURNAROUND TIME REQUIRED: (Rush must be approved by the Project Manager.)

Normal _____

Rush ☒ _____

(Subject to rush surcharge)

POSSIBLE HAZARD IDENTIFICATION: (Please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances)

Nonhazard _____

Flammable _____

Skin Irritant _____

Highly Toxic _____

Other ☐ PCDD/PCDF
(Please Specify)

SAMPLE DISPOSAL: (Please indicate disposition of sample following analysis. Lab will charge for packing, shipping, and disposal.)

Return to Client ☒ _____

Disposal by Lab _____

FOR LAB USE ONLY

Received By Cynthia Krauss

Date/Time 07/19/88 0930

WHITE - Original () accompany samples
YELLOW - Field ()

4 2163


**INTERNATIONAL
TECHNOLOGY
CORPORATION**

068270

REQUEST FOR ANALYSIS

R/A Control No.

B 83490

C/C Control No.

47135

PROJECT NAME Jacksonville Offsite

PROJECT NUMBER 480078.01.08.02

PROJECT MANAGER Dana S. Simerly

BILL TO Hercules, Incorporated
1313 N. Market Street
Wilmington, DE 19894

PURCHASE ORDER NO. _____

DATE SAMPLES SHIPPED _____

LAB DESTINATION _____

LABORATORY CONTACT _____

SEND LAB REPORT TO _____

07/18/88

TMS Analytical Services, Inc.

Cindy Krauss

Florence K. Kinoshita, Ph.D.

Medical Dept.

Hercules, Inc.

48 Hrs.

Dana S. Simerly

(501) 982-1513

DATE REPORT REQUIRED _____

PROJECT CONTACT _____

PROJECT CONTACT PHONE NO. _____

Sample No.	Sample Type	Sample Volume	Preservative	Requested Testing Program	Special Instructions
WH2096	soil	352	NA	2,3,7,8-TCDD GC/MS/MS	
WH2100	soil	352	"		
WH2103	soil	352	"		
WH2104	soil	352	"		
WH2106	soil	352	"		
WH2107	soil	352	"		
WH2111	soil	352	"		
WH2112	soil	352	"		
WH2113	soil	352	"		
WH2117	Liquid	40 ml	"		

TURNAROUND TIME REQUIRED: (Rush must be approved by the Project Manager.)

 Normal _____ Rush X (Subject to rush surcharge)

POSSIBLE HAZARD IDENTIFICATION: (Please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances)

 Nonhazardous _____ Flammable _____ Skin Irritant _____ Highly Toxic _____ Other PCDD/PCDF
 (Please Specify)

SAMPLE DISPOSAL: (Please indicate disposition of sample following analysis. Lab will charge for packing, shipping, and disposal.)

 Return to Client X Disposal by Lab _____

FOR LAB USE ONLY

Received By

Date/Time

07/19/88 0430

 WHITE - Origin () accompany samples
 YELLOW - Field ()

03224101



INTERNATIONAL
TECHNOLOGY
CORPORATION

468520

REQUEST FOR ANALYSIS

R/A Control No. B 83491
C/C Control No. 4736

PROJECT NAME Jacksonville Offsite
PROJECT NUMBER 480078.01.08.02
PROJECT MANAGER Dana S. Simerly
BILL TO Hercules, Incorporated
1313 N. Market Street
Wilmington, DE 19894

DATE SAMPLES SHIPPED
LAB DESTINATION
LABORATORY CONTACT
SEND LAB REPORT TO

07/18/88
TMS Analytical Services, Inc.
Cindy Krauss
Florence K. Kinoshita, Ph.D.
Medical Dept.
Hercules, Inc.

PURCHASE ORDER NO. _____

DATE REPORT REQUIRED

48 Hrs.

PROJECT CONTACT

Dana S. Simerly

PROJECT CONTACT PHONE NO. (501) 982-1513

Sample No.	Sample Type	Sample Volume	Preservative	Requested Testing Program	Special Instructions
WH 2118	50.1	35.3	NA	2,3,7,8-TCDD GC/MS/MS	
WH 2119	50.1	35.3	"		
WH 2120	50.1	35.3	"		
WH 2121	50.1	35.3	"		
WH 2122	50.1	35.3	"		
WH 2123	50.1	35.3	"		
WH 2124	50.1	35.3	"		
WH 2125	50.1	35.3	"		
WH 2129	Liquid	40 ml	"		
WH 2130	SEDIMENT	35.3	"		

TURNAROUND TIME REQUIRED: (Rush must be approved by the Project Manager.)

Normal _____ Rush ☒ (Subject to rush surcharge)

POSSIBLE HAZARD IDENTIFICATION: (Please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances)

Nonhazard _____ Flammable _____ Skin Irritant _____ Highly Toxic _____ Other PCDD/PCDF
(Please Specify)

SAMPLE DISPOSAL: (Please indicate disposition of sample following analysis. Lab will charge for packing, shipping, and disposal.)

Return to Client ☒ Disposal by Lab _____

FOR LAB USE ONLY

Received By [Signature]

Date/Time 07/19/88 0930

WHITE - Original accompany samples
YELLOW - Field copy

2014-230
032-4102

9 6174M

19088172785

4 2165

From (Your Name) Please Print DANA S. S. MEELY	Date 7/18/88
--	------------------------

Your Phone Number (Very Important)
(617) 982-1513

Company
T. S. MEELY

Department/Floor No.

To (Recipient's Name) Please Print
SUZANNE HAMMER

Recipient's Phone Number (Very Important)
(317) 941-5297

Company
T. S. ANALYTICAL SERVICES

Department/Floor No.

Street Address
312 DIRECTORS DRIVE

City
KNOXVILLE

State
TN

ZIP Required For Correct Invoicing
375

Exact Street Address (Use of P.O. Boxes or P.O. Zip Codes Will Delay Delivery And Result in Extra Charge)

237 NURENCI TRAIL

City
INDIANAPOLIS

State
IN

ZIP Street Address Zip Required
46203

YOUR BILLING REFERENCE INFORMATION (FIRST 24 CHARACTERS WILL APPEAR ON INVOICE.)

480678810801

PAYMENT ☐ Bill Sender ☐ Bill Recipient's FedEx Acct No ☐ Bill 3rd Party FedEx Acct No ☐ Bill Credit Card

☐ Cash

SERVICES CHECK ONLY ONE BOX

☐ **PRIORITY 1**
Overnight Delivery Using Your Packaging.
When using ICAD regulations, please mark
appropriate boxes. Do not mark for CFR 48.

☐ Cargo Aircraft only
☐ Dangerous goods as per attached
☐ Dangerous Goods Transport Document

☐ **STANDARD AIR**
Delivery not later than
second business day

SERVICE COMMITMENT

PRIORITY 1: Delivery is scheduled early next business morning
in most locations. It may take two or more business days if the
destination is outside our primary service areas.

STANDARD AIR: Delivery is generally next business day or not
later than second business day. It may take three or more business
days if the destination is outside our primary service areas.

DELIVERY AND SPECIAL HANDLING CHECK SERVICES REQUIRED

☐ **HOLD FOR PICK-UP** (Pick up in Section 4 at right)

☒ **DELIVER WEEKDAY**

☐ **DELIVER SATURDAY** (Extra charge) ☐

☒ **HAZARDOUS GOODS** (P-1 and Standard Air Packages only. Same charges)

☐ **CONSTANT SURVEILLANCE SERVICE (CSS)** (Extra charges. Do not complete Section 4)

☐ **DRY ICE** (Use ☐

☐ **OTHER SPECIAL SERVICE**

☐

☐

☐

☐

☐

☐

☐

☐

PACKAGES WEIGHT TOTAL DECLARED VALUE

1 30

2 20

3 20

4 20

5 20

6 20

7 20

8 20

9 20

10 20

Total 150

Total 150

Received At:

1 - Regular Stop

2 - On-Call Stop

3 - Drop Box

4 - C

5 - S

6 - S

FedEx Express Corp Employee No

17551

Date/Time For Federal Express Use

7/18/88 0930

HOLD FOR PICK-UP AT THIS FEDERAL EXPRESS LOCATION:

Street Address (See Service Guide or Call 800-238-5355)

City

State

ZIP * Zip Code of Street Address Required

Emp. No.

Date

☐ Cash Received

☐ Return Shipment

☐ Third Party ☐ Crg To Del ☐ Crg To Hold

Street Address

City

State

Zip

Received by

Date/Time Received FedEx Employee Number

008

PART #2041730764

REV. 5/87

PRINTED U.S.A. NCR

9088172785

AIRBILL NUMBER

SHIPPER'S CERTIFICATION FOR RESTRICTED ARTICLES/DANGEROUS GOOD

CHECK ONE ☒ CFR ☐ ICAO

(TYPE OR PRINT)

NO. OF PGS.	PROPER SHIPPING NAME	CLASS OR DIVISION	UN OR DRE ID NO.	SUBSIDIARY RISK	TOTAL NET QUANTITY	PACKING INSTRUCTIONS	AUTHORIZATION
1	HERNINE	Flammable	UN 1268		2 cases		
	2.0000						

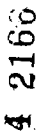
ADDITIONAL DESCRIPTION REQUIREMENTS FOR RADIOACTIVE MATERIALS (SEE BACK)	☒ RADIOACTIVE	☐ FORM	☐ ACTIVITY	☐ CATEGORY OF LABELS	☐ TRANS. INDEX	☐ PACKAGE IDENTIFICATION
	☐ WHITE I	☐ YELLOW II	☐ YELLOW III	☐ NONE		
TRANSPORT DETAILS	THIS SHIPMENT IS WITHIN THE LIMITATIONS PRESCRIBED FOR		☒ PASSENGER AIRCRAFT	☒ CARGO AIRCRAFT ONLY	(DELETE-NONAPPLICABLE)	
AIRPORT OF DEPARTURE	AIRPORT OF DESTINATION	SHIPMENT TYPE	☒ NON-RADIOACTIVE	☒ RADIOACTIVE	(DELETE-NONAPPLICABLE)	

IF ACCEPTABLE FOR PASSENGER AIRCRAFT, THIS SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN, OR INCIDENT TO, RESEARCH, MEDICAL DIAGNOSIS OR TREATMENT.

I HEREBY DECLARE THAT THE CONTENTS OF THIS CONSIGNMENT ARE FULLY AND ACCURATELY DESCRIBED ABOVE BY PROPER SHIPPING NAME AND ARE CLASSIFIED, PACKED, MARKED, AND LABELED, AND ARE IN ALL RESPECTS IN PROPER CONDITION FOR TRANSPORT BY AIR ACCORDING TO THE APPLICABLE INTERNATIONAL AND NATIONAL GOVERNMENT REGULATIONS.

NAME AND TITLE OF SHIPPER DANA S. S. MEELY	PLACE AND DATE INDIANAPOLIS IN 7/18/88
EMERGENCY TELEPHONE NUMBER 615 690-2311	SIGNATURE OF SHIPPER [Signature]

032-4405 SEE WARNING ON BACK



REQUEST FOR ANALYSIS

03274104

DATE SAMPLES SHIPPED _____
LAB DESTINATION _____
LABORATORY CONTACT _____
SEND LAB REPORT TO _____

08/01/88
TMS Analytical
Cindy Kraus
Florence Kiroshita
Medical Dept
Narcotics Sec
486a
Dana Linary
615-680-3211

DATE REPORT REQUIRED

PROJECT CONTACT

PROJECT CONTACT PHONE NO. 615-690-3211

PURCHASE ORDER NO.

Sample No.	Sample Type	Sample Volume	Preservative	Requested Testing Program	Special Instructions
WH2260	SOEL	~ 35g	None	2378-TCDD; GC/MS/MS	
WH2261	SOEL	~ 35g	None	2378-TCDD; GC/MS/MS	
WH2262	SOEL	~ 35g	None	2378-TCDD; GC/MS/MS	

TURNAROUND TIME REQUIRED: (Rush must be approved by the Project Manager.)

Normal _____

Rush X

(Subject to rush surcharge)

POSSIBLE HAZARD IDENTIFICATION: (Please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances)

Nonhazard _____

Flammable _____

Skin irritant _____

Highly Toxic _____

Other _____
(Please Specify)

SAMPLE DISPOSAL: (Please indicate disposition of sample following analysis. Lab will charge for packing, shipping, and disposal.)

Return to Client 3

Disposal by Lab _____

FOR LAB USE ONLY

Received By Nora H. Euring

Date/Time 8/2/55 02:20 A.M.

WHITE - Original
YELLOW - Field

2-7-1

568520

REQUEST FOR ANALYSIS

R/A Control No.

52245

C/C Control No. 47149

PROJECT NAME

Jacksonville Offsite

PROJECT NUMBER

480028-01-08-02

PROJECT MANAGER

Dana Sinerly

BILL TO

Kerensa Inc

1313 E Market St

Wilmington DE

PURCHASE ORDER NO.

DATE SAMPLES SHIPPED

LAB DESTINATION

LABORATORY CONTACT

SEND LAB REPORT TO

DATE REPORT REQUIRED

PROJECT CONTACT

PROJECT CONTACT PHONE NO.

07/27/88

TMS Analytical

Cindy Krauss

Florence Kinoshita

Medical Dept

Kerensa Inc

48 hrs

Dana Sinerly

680-321-615-680-3211

R07/27/88

Sample No.	Sample Type	Sample Volume	Preservative	Requested Testing Program	Special Instructions
WH211D	Soil	~ 35g	None	2378-TCDD GC/ms/ms	
WH2108					
WH2061					
WH2128					
WH2126					
WH2127					
WH2062					
WH2109					
WH2286					
WH2287	Soil	~ 35g	None	2378-TCDD GC/ms/ms	

TURNAROUND TIME REQUIRED: (Rush must be approved by the Project Manager.)

Normal

Rush

(Subject to rush surcharge)

POSSIBLE HAZARD IDENTIFICATION: (Please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances)

Nonhazardous

Flammable

Skin irritant

Highly Toxic

Other (Please Specify)

SAMPLE DISPOSAL: (Please indicate disposition of sample following analysis. Lab will charge for packing, shipping, and disposal.)

Return to Client

Disposal by Lab

FOR LAB USE ONLY

Received By

Cynthia Krauss

Date/Time

07/28/88 0.930

WHITE - Original to
YELLOW - Field copy

npany samples

0322-1106

REQUEST FOR ANALYSIS

R/A Control No. 02240

C/C Control No. 38205

PROJECT NAME Jacksonville Office
PROJECT NUMBER 480028
PROJECT MANAGER Dana Simerly
BILL TO Hercules Inc
1313 N Market St
Wilmington DE
PURCHASE ORDER NO. _____

DATE SAMPLES SHIPPED _____
LAB DESTINATION _____
LABORATORY CONTACT _____
SEND LAB REPORT TO _____

07/27/88
TMS Mechanical Inc
Cindy Krauss
Hercules Inc
Medford NJ
Hercules Inc
48 hr
Dana Simerly
615-690-3211

03224107

Sample No.	Sample Type	Sample Volume	Preservative	Requested Testing Program	Special Instructions
WH2269	Soil	~35g	None	2378-TCDD GC/MS/KAS	
WH2305	↓	↓	↓	↓	↓
WH2306					
WH2307					
WH2311					
WH2312					
WH2313					
WH2314					
WH2316					
WH2317	Soil	~35g	None	2378-TCDD GC/MS/KAS	

TURNAROUND TIME REQUIRED: (Rush must be approved by the Project Manager.)

Normal _____ Rush X (Subject to rush surcharge)

POSSIBLE HAZARD IDENTIFICATION: (Please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances)

Nonhazardous _____ Flammable _____ Skin Irritant _____ Highly Toxic _____ Other _____
(Please Specify)

SAMPLE DISPOSAL: (Please indicate disposition of sample following analysis. Lab will charge for packing, shipping, and disposal.)

Return to Client X Disposal by Lab _____

FOR LAB USE ONLY

Received By Cynthia Krauss

Date/Time 07/28/88 930

WHITE - Original, to _____ mpany samples
YELLOW - Field cop _____

152

DATE 07/27/88

AIRBILL NUMBER 3447641551

From (Your Name) **DOUG PEERY** Your Phone Number (Very Important) **(615) 690-7211**

To (Recipient's Name) **IMS ANALYTICAL** Recipient's Phone Number (Very Important) **(317) 241-8697**

Company **IMS ANALYTICAL** Department/Floor No. **1204238**

Street Address **9041 EXCLUSIVE LANE** City **INDIANAPOLIS IN** State **IN** ZIP **46268**

Exact Street Address (If on P.O. Boxes or P.O. Zip Codes Will Delay Delivery and Result in Extra Charge.) **6370 INDUENCE TRAIL** City **INDIANAPOLIS IN** State **IN** ZIP **46268**

YOUR BILLING REFERENCE INFORMATION (FIRST 24 CHARACTERS WILL APPEAR ON INVOICE.) **848-0078-01-00-01**

PAYMENT ☒ Bill Sent ☐ Bill Recipient's FedEx Acct. No. ☐ Bill 3rd Party's FedEx Acct. No. ☐ Bill Credit Card

SERVICES CHECK ONLY ONE BOX

☒ **PRIORITY** (Guaranteed Delivery) ☐ **DELIVER WEEKDAY** ☐ **DELIVER SATURDAY**

☐ **STANDARD AIR** (Guaranteed Delivery) ☐ **DELIVER WEEKDAY** ☐ **DELIVER SATURDAY**

DELIVERY AND SPECIAL HANDLING TO CHECK SERVICES REQUIRED

☐ **HOLD FOR PICK-UP** ☐ **DELIVER WEEKDAY** ☐ **DELIVER SATURDAY**

OTHER SPECIAL SERVICE

☐ **DELIVER WEEKDAY** ☐ **DELIVER SATURDAY**

SHIPPER'S CERTIFICATION FOR RESTRICTED ARTICLES/DANGEROUS GOODS

CHECK ONE ☒ ICAO ☐ ICAO

(TYPE OR PRINT)

AIRBILL NUMBER 3447641551

SHIPPER'S CERTIFICATION FOR RESTRICTED ARTICLES/DANGEROUS GOODS

CHECK ONE ☒ ICAO ☐ ICAO

(TYPE OR PRINT)

NO. OF PKGS.	PROPER SHIPPING NAME	CLASS OR DIVISION	UN OR ID NO.	SUBSIDIARY RISK	TOTAL NET QUANTITY	PACKING INSTRUCTIONS	AUTHORIZATION
1	HEXANE LIMITED QUANTITY	FLAMMABLE	UN 1208		2.8		

ADDITIONAL DESCRIPTION REQUIREMENTS FOR RADIOACTIVE MATERIALS (SEE BACK)

TRANSPORT DETAILS

THIS SHIPMENT IS WITHIN THE LIMITATIONS PRESCRIBED FOR

AIRPORT OF DEPARTURE

AIRPORT OF DESTINATION

SHIPMENT TYPE

PASSENGER AIRCRAFT

CARGO AIRCRAFT ONLY

NON-RADIOACTIVE

DELETE-NONAPPLICABLE

IF ACCEPTABLE FOR PASSENGER AIRCRAFT, THIS SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN, OR INCIDENT TO, RESEARCH, MEDICAL DIAGNOSIS OR TREATMENT.

I HEREBY DECLARE THAT THE CONTENTS OF THIS CONSIGNMENT ARE FULLY AND ACCURATELY DESCRIBED ABOVE BY PROPER SHIPPING NAME AND ARE CLASSIFIED, PACKED, MARKED, AND LABELED, AND ARE IN ALL RESPECTS IN PROPER CONDITION FOR TRANSPORT BY AIR ACCORDING TO THE APPLICABLE INTERNATIONAL AND NATIONAL GOVERNMENT REGULATIONS.

NAME AND TITLE OF SHIPPER **DOUG PEERY** PLACE AND DATE **Indianapolis IN 07/27/88**

EMERGENCY TELEPHONE NUMBER **615-690-7211** SIGNATURE OF SHIPPER **DOUG PEERY**

SEE WARNING ON BACK **032-1108**

REQUEST FOR ANALYSIS

R/A Control No. **B 83499**

C/C Control No. **47144**

07/25/88

6015-220

PROJECT NAME Jacksonville Offsite
PROJECT NUMBER 480078.01.08.02
PROJECT MANAGER Dana S. Simerly
CALL TO Hercules, Incorporated
1313 N. Market Street
Wilmington, DE 19894
PURCHASE ORDER NO. _____

DATE SAMPLES SHIPPED _____
LAB DESTINATION _____
LABORATORY CONTACT _____
SEND LAB REPORT TO _____

TMS Analytical Services, Inc.
Cindy Krauss
Florence K. Kinoshita, Ph.D.
Medical Dept.
Hercules, Inc.
48 Hrs.
Dana S. Simerly
(501) 982-1513

DATE REPORT REQUIRED _____

PROJECT CONTACT _____

PROJECT CONTACT PHONE NO. _____

Sample No.	Sample Type	Sample Volume	Preservative	Requested Testing Program	Special Instructions
WH2220	SL406E	~ 500 ml	None	2,3,7,8-TCDD GC/MS/MS	
WH2221					
WH2222					
WH2224					
WH2226		~ 500 ml			
WH2227		~ 100 g			
WH2228					
WH2229					
WH2230					
WH2232	SL406E	~ 100 g	None	2,3,7,8-TCDD GC/MS/MS	

TURNAROUND TIME REQUIRED: (Rush must be approved by the Project Manager.)

Normal _____

Rush ☒ _____

(Subject to rush surcharge)

POSSIBLE HAZARD IDENTIFICATION: (Please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances)

Nonhazardous _____

Flammable _____

Skin Irritant _____

Highly Toxic _____

PCDD/PCDF _____

Other _____
(Please Specify)

SAMPLE DISPOSAL: (Please indicate disposition of sample following analysis. Lab will charge for packing, shipping, and disposal.)

Return to Client ☒ _____

Disposal by Lab _____

FOR LAB USE ONLY

Received By Quirle Noble

Date/Time 7-26-88 0930

WHITE - Original, to company samples
YELLOW - Field copy

66820

REQUEST FOR ANALYSIS

R/A Control No. **B 83500**

C/C Control No. **47145**

PROJECT NAME Jacksonville Offsite
PROJECT NUMBER 480078.01.08.02
PROJECT MANAGER Dana S. Simerly
BILL TO Hercules, Incorporated
1313 N. Market Street
Wilmington, DE 19894
PURCHASE ORDER NO. _____

DATE SAMPLES SHIPPED _____
LAB DESTINATION _____
LABORATORY CONTACT _____
SEND LAB REPORT TO _____

07/25/88
TMS Analytical Services, Inc.

Cindy Krauss

Florence K. Kinoshita, Ph.D.

Medical Dept.

Hercules, Inc.

48 Hrs.

DATE REPORT REQUIRED

PROJECT CONTACT

Dana S. Simerly

PROJECT CONTACT PHONE NO.

(501) 982-1513

0322-1110

Sample No.	Sample Type	Sample Volume	Preservative	Requested Testing Program	Special Instructions
WH2233	Soil	≈ 35g	None	2,3,7,8-TCDD GC/MS/MS	
WH2234					
WH2235					
WH2236					
WH2237					
WH2238	Soil	≈ 35g			
WH2240	Liquid	≈ 50ml			approx total Liquid Volume
WH2241	Soil	≈ 35g			
WH2242	S S S	≈ 35g			
WH2243	Soil	≈ 35g	None	2,3,7,8-TCDD GC/MS/MS	

TURNAROUND TIME REQUIRED: (Rush must be approved by the Project Manager.)

Normal _____

Rush ☒

(Subject to rush surcharge)

POSSIBLE HAZARD IDENTIFICATION: (Please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances)

Nonhazardous _____

Flammable _____

Skin Irritant _____

Highly Toxic _____

PCDD/PCDF

Other _____
(Please Specify)

SAMPLE DISPOSAL: (Please indicate disposition of sample following analysis. Lab will charge for packing, shipping, and disposal.)

Return to Client ☒

Disposal by Lab _____

FOR LAB USE ONLY

Received By

Julie Noble

Date/Time

7-26-88 0930

WHITE - Original, to () pany samples
YELLOW - Field copy ()



INTERNATIONAL
TECHNOLOGY
CORPORATION

006220

REQUEST FOR ANALYSIS

R/A Control No. B 83501

C/C Control No. 47143

07/25/88

TMS Analytical Services, Inc.

Cindy Krauss

Florence K. Kinoshita, Ph.D.

Medical Dept.

Hercules, Inc.

48 Hrs.

Dana S. Simerly

DATE REPORT REQUIRED

PROJECT CONTACT

PROJECT CONTACT PHONE NO. (501) 982-1513

PROJECT NAME Jacksonville Offsite
PROJECT NUMBER 480078.01.08.02
PROJECT MANAGER Dana S. Simerly
BILL TO Hercules, Incorporated
1313 N. Market Street
Wilmington, DE 19894

DATE SAMPLES SHIPPED
LAB DESTINATION
LABORATORY CONTACT
SEND LAB REPORT TO

0322-1111

PURCHASE ORDER NO.

Sample No.	Sample Type	Sample Volume	Preservative	Requested Testing Program	Special Instructions
WH2244	SOIL	~ 35g	None	2,3,7,8-TCDD GC/MS/MS	
WH2245					
WH2246					
WH2247					
WH2249					
WH2250					
WH2252					
WH2257					
WH2258					
WH2259	SOIL	~ 35g	None	2378-TCDD GC/MS/MS	

TURNAROUND TIME REQUIRED: (Rush must be approved by the Project Manager.)

Normal

Rush X

(Subject to rush surcharge)

POSSIBLE HAZARD IDENTIFICATION: (Please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances)

Nonhazard

Flammable

Skin Irritant

Highly Toxic

PCDD/PCDF

Other

(Please Specify)

SAMPLE DISPOSAL: (Please indicate disposition of sample following analysis. Lab will charge for packing, shipping, and disposal.)

Return to Client X

Disposal by Lab

FOR LAB USE ONLY

Received By

Jane Noble

Date/Time 7-26-88 0930

WHITE - Original, to company samples
YELLOW - Field copy

REQUEST FOR ANALYSIS

R/A Control No. 02240
C/C Control No. 47146
07/25/88

PROJECT NAME Jacksonville Offsite
PROJECT NUMBER 480078-01-08-02
PROJECT MANAGER Dana Simally
BILL TO Hercules Inc.
13122 Market St
Wilmington, De.
PURCHASE ORDER NO. _____

DATE SAMPLES SHIPPED _____
LAB DESTINATION TMS Analytical Service Inc.
LABORATORY CONTACT Cindy Krauss
SEND LAB REPORT TO Gloria, Kenneth
Medical Dept.
Hercules Inc.
DATE REPORT REQUIRED 48 hrs
PROJECT CONTACT Dana Simally
PROJECT CONTACT PHONE NO. 501-501-182-1513

Sample No.	Sample Type	Sample Volume	Preservative	Requested Testing Program	Special Instructions
WH2263	SOEL	≈ 35g	None	2378-TCDD GC/MS/MS	
WH2264	↓	↓	↓	↓	
WH2266	↓	↓	↓	↓	
WH2267	↓	↓	↓	↓	
WH2271	↓	↓	↓	↓	
WH2272	↓	↓	↓	↓	
WH2273	↓	↓	↓	↓	
WH2277	↓	↓	↓	↓	
WH2278	SOEL	≈ 35g	↓	↓	
WH2280	LIQUID	≈ 50ml	None	2378-TCDD GC/MS/MS	MANUAL TOTAL VOLUME OF LIQUID

TURNAROUND TIME REQUIRED: (Rush must be approved by the Project Manager.)

Normal _____

Rush X

(Subject to rush surcharge)

POSSIBLE HAZARD IDENTIFICATION: (Please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances)

Nonhazardous _____

Flammable _____

Skin Irritant _____

Highly Toxic _____

Other _____

(Please Specify)

SAMPLE DISPOSAL: (Please indicate disposition of sample following analysis. Lab will charge for packing, shipping, and disposal.)

Return to Client X

Disposal by Lab _____

FOR LAB USE ONLY

Received By Jane Noble

Date/Time 7-26-88 0930

WHITE - Original, to company samples
YELLOW - Field copy



R/A Control No. 52244

C/C Control No. 47150

03264113

DATE SAMPLES SHIPPED _____
LAB DESTINATION _____
LABORATORY CONTACT _____
SEND LAB REPORT TO _____

07/25/88
TMS Analytical Service
Cindy Krauss
Florence Konoskita
Medical Dept.
Percale Inc
48 Ave
Dora Simally
501-882-1513

DATE REPORT REQUIRED

PROJECT CONTACT

PROJECT CONTACT PHONE NO. 501-982-1513

Sample No.	Sample Type	Sample Volume	Preservative	Requested Testing Program	Special Instructions
WH2281	LIQUID	~ 40 ml	None	2378-TOX GC/MS/MS	
WH2282	SOIL	~ 35 g	None	2378-TOX GC/MS/MS	
WH2256	LIQUID	~ 50 ml	None	2378-TOX GC/MS/MS	Report total liquid volume

TURNAROUND TIME REQUIRED: (Rush must be approved by the Project Manager.)

Normal _____

Rush X

(Subject to rush surcharge)

POSSIBLE HAZARD IDENTIFICATION: (Please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances)

Nonhazard _____

Flammable _____

Skin irritant _____

Highly Toxic _____

Other _____

(Please Specify)

SAMPLE DISPOSAL: (Please indicate disposition of sample following analysis. Lab will charge for packing, shipping, and disposal.)

Return to Client X

Disposal by Lab _____

FOR LAB USE ONLY

Received By

Date/Time 7-26-88 0930

WHITE - Original, to company samples
YELLOW - Field copy

259

EXPRESS

AIRBILL
NUMBER

9088172822

13

17-1

9088172822

4-2176

Date 7/25/88		To (Recipient's Name) Please Print SUZANNE HAMMER		Recipient's Phone Number (Very Important) 1371291-86	
From (Your Name) Please Print DUNG PERRY		Your Phone Number (Very Important) ()		Company F N S ANALYTICAL SERVICES	
Company F T CORP		Department/Floor No.		Department/Floor No.	
Street Address 312 DIRECTORS DRIVE		Exact Street Address (Use of P.O. Boxes or P.O. Zip Codes Will Delay Delivery And Result in Extra Charge)		637 MCNEEL TAIL	
City KNOXVILLE		State TN		ZIP Required For Correct Invoicing 37923	
City KNOXVILLE		State TN		ZIP Street Address Zip Required 37923	
YOUR BILLING REFERENCE INFORMATION (FIRST 24 CHARACTERS WILL APPEAR ON INVOICE) 480375 11 02 101					
PAYMENT ☒ Bill Sender ☐ Bill Recipient's FedEx Acct. No. ☐ Bill 3rd Party FedEx Acct. No. ☐ Bill Credit Card ☐ Cash					
SERVICES CHECK ONLY ONE BOX 1 ☒ PRIORITY 1 Overnight Delivery Using Your Packaging When using ICAO regulations, please mark appropriate boxes. Do not mark for CFR 49. ☐ Cargo Aircraft only ☒ Dangerous goods as per attached Dangerous Goods Transportation Document 5 ☐ STANDARD AIR Delivery not later than second business day SERVICE COMMITMENT PRIORITY 1: Delivery is scheduled daily next business morning in most locations. If any later than 2 more business days if the destination is outside our primary service area. STANDARD AIR: Delivery is generally next business day or not later than second business day if any later than 2 more business days if the destination is outside our primary service area.		DELIVERY AND SPECIAL HANDLING CHECK SERVICES REQUIRED 1 ☐ HOLD FOR PICK-UP 2 ☒ DELIVER WEEKDAY 3 ☒ DELIVER SATURDAY 4 ☒ DANGEROUS GOODS 5 ☒ CONSTANT SURVEILLANCE SERVICE (CSS) 6 ☐ DRY ICE 7 ☐ OTHER SPECIAL SERVICE 8 ☐ SATURDAY PICK-UP		PACKAGES WEIGHT TOOR DECLARED OVER SIZE 1 140 2 100 3 100 4 100 5 100 6 100 7 100 8 100 9 100 10 100 Total 140 Received At 1 Regular Stop 2 On-Call Stop 35 48 58 Drop Box 8 SC FedEx Express Corp Employee No 57772 Date/Time For Federal Express Use 7/25/88 09:30	
City KNOXVILLE State TN Zip 37923		City INDIANAPOLIS State IN Zip 46201		Federal Express U Base Charges City State Zip ZIP * Zip Code of Street Address Required Emp No. ☐ Cash Received ☐ Return Shipment ☐ Third Party ☐ Chg. To Del. ☐ Chg. To Recd. Street Address City State Zip Received By Julie Noble Date/Time Received 09:30 FedEx Employee Number 72688	

9088172822

AIRBILL NUMBER

SHIPPER'S CERTIFICATION FOR RESTRICTED ARTICLES/DANGEROUS GOODS

CHECK ONE ☒ CFR ☐ ICAO

(TYPE OR PRINT)

DANGEROUS GOODS IDENTIFICATION					TOTAL NET QUANTITY	PACKING INSTRUCTIONS	AUTHORIZATION
NO. OF PKGS.	PROPER SHIPPING NAME	CLASS OR DIVISION	UN OR ID NO.	SUBSIDIARY RISK			
1	HYDRA LIMITED QUANTITY	FLAMMABLE LIQUID	UN 1204		203		

ADDITIONAL DESCRIPTION REQUIREMENTS FOR	RADIOISOTOPE	FORM	ACTIVITY	CATEGORY OF LABELS	TRANS. INDEX	PACKAGE IDENTIFICATION
RADIOACTIVE MATERIALS (SEE BACK)				☐ WHITE I ☐ YELLOW II ☐ YELLOW III ☐ NONE		

TRANSPORT DETAILS	THIS SHIPMENT IS WITHIN THE LIMITATIONS PRESCRIBED FOR	PASSENGER AIRCRAFT	TRANSPORT BY AIRCRAFT ONLY (DELETE-NONAPPLICABLE)
AIRPORT OF DEPARTURE	AIRPORT OF DESTINATION	SHIPMENT TYPE	NON-RADIOACTIVE RADIOACTIVE (DELETE-NONAPPLICABLE)

IF ACCEPTABLE FOR PASSENGER AIRCRAFT, THIS SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN, OR INCIDENT TO, RESEARCH, MEDICAL DIAGNOSIS OR TREATMENT.

I HEREBY DECLARE THAT THE CONTENTS OF THIS CONSIGNMENT ARE FULLY AND ACCURATELY DESCRIBED ABOVE BY PROPER SHIPPING NAME AND ARE CLASSIFIED, PACKED, MARKED, AND LABELED, AND ARE IN ALL RESPECTS IN PROPER CONDITION FOR TRANSPORT BY AIR ACCORDING TO THE APPLICABLE INTERNATIONAL AND NATIONAL GOVERNMENT REGULATIONS.

NAME AND TITLE OF SHIPPER DUNG PERRY	PLACE AND DATE Indianapolis IN 032-4114
EMERGENCY TELEPHONE NUMBER	SIGNATURE OF SHIPPER

SEE WAGON



INTERNATIONAL
TECHNOLOGY
CORPORATION

706520

REQUEST FOR ANALYSIS

R/A Control No.

B 83498

C/C Control No.

41142

PROJECT NAME Jacksonville Offsite
PROJECT NUMBER 480078.01.08.02
PROJECT MANAGER Dana S. Simerly
BILL TO Hercules, Incorporated
1313 N. Market Street
Wilmington, DE 19894

DATE SAMPLES SHIPPED
LAB DESTINATION
LABORATORY CONTACT
SEND LAB REPORT TO

07/21/88
TMS Analytical Services, Inc.
Cindy Krauss
Florence K. Kinoshita, Ph.D.
Medical Dept.
Hercules, Inc.

PURCHASE ORDER NO. _____

DATE REPORT REQUIRED

48 Hrs.

PROJECT CONTACT

Dana S. Simerly

PROJECT CONTACT PHONE NO. (501) 982-1513

Sample No.	Sample Type	Sample Volume	Preservative	Requested Testing Program	Special Instructions
WH2206	<u>Sludge</u>	<u>~125 ml</u>	<u>None</u>	<u>2,3,7,8-TCDD GC/MS/MS</u>	
WH2207					
WH2208					
WH2209					
WH2210					
WH2212					
WH2213					
WH2214					
WH2215	<u>Sludge</u>	<u>~125 ml</u>	<u>None</u>	<u>2,3,7,8-TCDD GC/MS/MS</u>	
WH2209	<u>Soil</u>	<u>~35 g</u>	<u>None</u>	<u>2,3,7,8-TCDD GC/MS/MS</u>	

TURNAROUND TIME REQUIRED: (Rush must be approved by the Project Manager.)

Normal _____

Rush X

(Subject to rush surcharge)

POSSIBLE HAZARD IDENTIFICATION: (Please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances)

Nonhazard _____

Flammable _____

Skin Irritant _____

Highly Toxic _____

Other PCDD/PCDF

(Please Specify)

SAMPLE DISPOSAL: (Please indicate disposition of sample following analysis. Lab will charge for packing, shipping, and disposal.)

Return to Client X

Disposal by Lab

FOR LAB USE ONLY

Received By

Date/Time 07/22/88 0940

WHITE - Original accompany samples
YELLOW - File copy

0322-1115

From (Your Name) Please Print Doug Peery Company I T M CORP Street Address 512 DIRECTORS DRIVE City KNOXVILLE TN State TN ZIP Required For Correct Mailing 37903		Your Phone Number (Very Important) (615) 169-2111 Department/Floor No. 1		To (Recipient's Name) Please Print SUZANNE HARKER Company T H S ANALYTICAL SERVICES Exact Street Address (Use of P.O. Boxes or R.D. Zip Codes Will Delay Delivery And Result in Extra Charge) 637 MORENCI TRAIL City INDIANAPOLIS IN State IN ZIP Street Address Zip Required 46206		Recipient's Phone Number (Very Important) (317) 1-271-76 Department/Floor No. 1			
YOUR BILLING REFERENCE INFORMATION (FIRST 24 CHARACTERS WILL APPEAR ON INVOICE) 490078 01-09-M1								HOLD FOR PICK-UP AT THIS FEDERAL EXPRESS LOCATION: Street Address (See Service Guide or Call 800-236-5355) City State ZIP * Zip Code of Street Address Required	
PAYMENT ☐ Bill Sender ☐ Bill Recipient's FedEx Acct. No. ☐ Bill 3rd Party FedEx Acct. No. ☐ Bill Credit Card ☐ Cash								Federal Express Us Base Charges	
SERVICES CHECK ONLY ONE BOX 1 ☒ PRIORITY 1 Overnight Delivery Using Your Packaging When using ICAO regulations, please mark appropriate boxes. Do not mark for CFR 48. ☐ Cargo Aircraft only ☒ Dangerous goods as per attached Dangerous Goods Transport Document STANDARD AIR 5 ☐ Delivery not later than second business day SERVICE COMMITMENT PRIORITY 1: Delivery is guaranteed with business hours in most locations. If they take less or more business days, the destination is outside our primary service area. STANDARD AIR: Delivery is generally next business day or next business day after second business day. If they take less or more business days, the destination is outside our primary service area.				DELIVERY AND SPECIAL HANDLING CHECK SERVICES REQUIRED 1 ☐ HOLD FOR PICK-UP (If in Section 11, mark here) 2 ☒ DELIVER WEEKDAY 3 ☒ DELIVER SATURDAY (Some charge) 4 ☒ DANGEROUS GOODS (If 1-3 and Standard Air Packages only, Extra charge) (Extra charge for non-combustible Section 11) 5 ☐ CONSTANT SURVEILLANCE SERVICE (CSS) (Extra charge for non-combustible Section 11) 6 ☐ DRY ICE (Some charge) 7 ☐ OTHER SPECIAL SERVICE 8 ☐ 9 ☐ SATURDAY PICK-UP (Extra charge) 10 ☐				PACKAGES WEIGHT YOUR DECLARED VALUE OTHER SIZE 1 1 1/2 1.5S 2 1 1/2 1.5S 3 1 1/2 1.5S Total 1 31 Total Received At 1 Regular Stop 2 On-Call Stop 3 On-Call Stop 4 On-Call Stop 5 On-Call Stop 6 On-Call Stop 7 On-Call Stop 8 On-Call Stop 9 On-Call Stop 10 On-Call Stop Federal Express Corp. Employee No. Date/Time For Federal Express Use 07/22/88 0940	
EMPLOYEE INFORMATION Emp. No. _____ Date _____ ☐ Cash Received ☐ Return Shipment ☐ Third Party ☐ Chg. To Del. ☐ Chg. To Hold Street Address City State Zip Received By Date/Time Received Federal Employee Number 07/22/88 0940								Other Total Charges PART #2041730764 REV. 5/87 PRINTED U.S.A. NC 008	

9088172811 AIRBILL NUMBER		SHIPPER'S CERTIFICATION FOR RESTRICTED ARTICLES/DANGEROUS GOODS CHECK ONE ☒ 49 CFR ☐ ICAO (TYPE OR PRINT)											
NO. OF PKGS. 1		DANGEROUS GOODS IDENTIFICATION CLASS OR DIVISION 1.2		UN OR TOXIC 1.2		SUBSIDIARY RISK 1.2		TOTAL NET QUANTITY 1.2		PACKING INSTRUCTIONS 1.2		AUTHORIZATION 1.2	
PROPER SHIPPING NAME HEXANE LIMITED QUANTITY		CLASS OR DIVISION 1.2		UN OR TOXIC 1.2		SUBSIDIARY RISK 1.2		TOTAL NET QUANTITY 1.2		PACKING INSTRUCTIONS 1.2		AUTHORIZATION 1.2	
ADDITIONAL DESCRIPTION REQUIREMENTS FOR RADIOACTIVE MATERIALS (SEE BACK)		RADIOACTIVE MATERIALS (SEE BACK)		RADIOACTIVE MATERIALS (SEE BACK)		RADIOACTIVE MATERIALS (SEE BACK)		RADIOACTIVE MATERIALS (SEE BACK)		RADIOACTIVE MATERIALS (SEE BACK)		RADIOACTIVE MATERIALS (SEE BACK)	
TRANSPORT DETAILS AIRPORT OF DEPARTURE AIRPORT OF DESTINATION SHIPMENT TYPE NON-RADIOACTIVE		THIS SHIPMENT IS WITHIN THE LIMITATIONS PRESCRIBED FOR PASSENGER AIRCRAFT CARGO AIRCRAFT ONLY (DELETE-NONAPPLICABLE)		THIS SHIPMENT IS WITHIN THE LIMITATIONS PRESCRIBED FOR PASSENGER AIRCRAFT CARGO AIRCRAFT ONLY (DELETE-NONAPPLICABLE)		THIS SHIPMENT IS WITHIN THE LIMITATIONS PRESCRIBED FOR PASSENGER AIRCRAFT CARGO AIRCRAFT ONLY (DELETE-NONAPPLICABLE)		THIS SHIPMENT IS WITHIN THE LIMITATIONS PRESCRIBED FOR PASSENGER AIRCRAFT CARGO AIRCRAFT ONLY (DELETE-NONAPPLICABLE)		THIS SHIPMENT IS WITHIN THE LIMITATIONS PRESCRIBED FOR PASSENGER AIRCRAFT CARGO AIRCRAFT ONLY (DELETE-NONAPPLICABLE)		THIS SHIPMENT IS WITHIN THE LIMITATIONS PRESCRIBED FOR PASSENGER AIRCRAFT CARGO AIRCRAFT ONLY (DELETE-NONAPPLICABLE)	
IF ACCEPTABLE FOR PASSENGER AIRCRAFT, THIS SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN, OR INCIDENT TO, RESEARCH, MEDICAL DIAGNOSIS OR TREATMENT.													
I HEREBY DECLARE THAT THE CONTENTS OF THIS CONSIGNMENT ARE FULLY AND ACCURATELY DESCRIBED ABOVE BY PROPER SHIPPING NAME AND ARE CLASSIFIED, PACKED, MARKED, AND LABELED, AND ARE IN ALL RESPECTS IN PROPER CONDITION FOR TRANSPORT BY AIR ACCORDING TO THE APPLICABLE INTERNATIONAL AND NATIONAL GOVERNMENT REGULATIONS.													
NAME AND TITLE OF SHIPPER Doug Peery I T M CORP						PLACE AND DATE Indianapolis, IN 07/21/88							
EMERGENCY TELEPHONE NUMBER 601-792-1513						SIGNATURE OF SHIPPER [Signature]							

SEQUENCE TABLE DATA: 250A.R

4 2179

method file name	range	dup	method file name	range	dup
A: TMSDIO.M	1:	2 1 H		:	
B: FLUSH.M	3:	3 1 N		:	
C DATA: TMSDIO.M	4:	7 1 D		:	
D	:	P		:	
E	:	Q		:	
F	:	R		:	
G	:	S		:	
H	:	T		:	
I	:	U		:	
J	:	V		:	
K	:	W		:	
L	:	X		:	

023906

SAMPLE TABLE DATA: 250A.S

Index Sample Identification
 1....COLUMN PERFORMANCE MIX
 2....CALIBRATION SOLN 1
 3....ISOOCTANE
 4....HERC 2016
 5....HERC 2019
 6....HERC 2021
 7....HERC 2022

....

Next Page Previous Page Home Info

	method file name	range	dup		method file name	range	dup
A	DATA:TMSD10.M	1:	2 1	M	:	:	:
B	DATA:FLUSH.M	3:	3 1	N	:	:	:
C	TMSD10.M	4:	23 1	O	:	:	:
D	:	:	:	P	:	:	:
E	:	:	:	Q	:	:	:
F	:	:	:	R	:	:	:
G	:	:	:	S	:	:	:
H	:	:	:	T	:	:	:
I	:	:	:	U	:	:	:
J	:	:	:	V	:	:	:
K	:	:	:	W	:	:	:
L	:	:	:	X	:	:	:

023907

SAMPLE TABLE _____ DATA:251A.S

Index Sample Identification

1....COLUMN PERFORMANCE MIX

2....CALIBRATION SOLN I

3....ISOOCTANE

4....METHOD BLANK

5....SOIL BLANK

6....PE-A

7....2027

8....2060

9....SOIL SPIKE

10....2096

11....2107

12....2120

13....2121

14....2206

15....2208

16....2257

Next Previous None First Last Exit

Page Page Info

SAMPLE TABLE _____ DATA:251A.S

Index Sample Identification

17....2260

18....2261

19....2262

20....2286

21....2307

22....2316

0324118

025908

method file name	range dup	method file name	range dup
A DATA:TMSD10.M	1: 1 1 M	:	:
B DATA:TMSD10.M	2: 2 1 N	:	:
C DATA:BLANK.M	3: 3 1 O	:	:
D DATA:TMSD101.M	4: 8 1 P	:	:
E	:	Q	:
F	:	R	:
G	:	S	:
H	:	T	:
I	:	U	:
J	:	V	:
K	:	W	:
L	:	X	:



SAMPLE TABLE _____ DATA:257A.S

Index Sample Identification
 1....COLUMN PERFORMANCE MIX
 2....CALIBRATION SOLN 1
 3....ISOOCTANE
 4....HERCULES 2120
 5....HERCULES 2121
 6....HERCULES 2206
 7....HERCULES 2208
 8....HERCULES 2257

....



023909



TMS Analytical Services Inc. 2183

6376 MORENCI TRAIL • TEL. 317 291-5697 • INDIANAPOLIS, INDIANA 46268

SAMPLE RECEIPT/CONDITION DOCUMENTATION

PAGE 1 OF 3

DOCUMENT CONTROL NUMBER: Mercurius

CASE NUMBER: Mercurius

AIRBILL NUMBER: Fed X # 9088172752

DATE RECEIVED: 07/12/88

TIME RECEIVED: 09:25

1. CUSTODY SEALS

PRESENT / NOT PRESENT
INTACT / NOT INTACT

2. OTHER SEALS, TAPE,
LOCKS, ETC.

PRESENT / NOT PRESENT
INTACT / NOT INTACT

3. CHAIN-OF CUSTODY

PRESENT / ABSENT

023910

SND SAMPLE NUMBER	SAMPLE LC NUMBER	SAMPLE TAG		INFORMATION ON DOCUMENTATION		REMARKS: (CONDITION OF SAMPLE, SHIPMENT, DOCUMENTATION, ETC.)
		PRESENT	ABSENT	AGREE	DISAGREE	
WH1496			✓	✓		
1497						
1498						
1499						
2000						
2004						
2005						
2006						
2010						
2015						
2016						
2017						
2023						
2024						
2025						
2026						

SAMPLE CUSTODIAN SIGNATURE

[Signature]

032-4121

DOCUMENT CONTROL NUMBER: Hercules

ASE NUMBER: Hercules

IRBILL NUMBER: F20X9088172752

DATE RECEIVED: 07/12/88

TIME RECEIVED: 09:25

1. CUSTODY SEALS

PRESENT / NOT PRESENT
INTACT / NOT INTACT

2. OTHER SEALS, TAPE,
LOCKS, ETC.

PRESENT / NOT PRESENT
INTACT / NOT INTACT

3. CHAIN-OF CUSTODY

PRESENT / ABSENT

023911

SMO SAMPLE NUMBER	SAMPLE LC NUMBER	SAMPLE TAG		INFORMATION ON DOCUMENTATION		REMARKS: (CONDITION OF SAMPLE, SHIPMENT, DOCUMENTATION, ETC.)
		PRESENT	ABSENT	AGREE	DISAGREE	
WH2027			✓	✓		
↓ 2029			↓	↓		
↓ 2030			↓	↓		
↓ 31						
↓ 32						
↓ 37						
↓ 38						
↓ 39						
↓ 40						
↓ 45						
↓ 46						
↓ 48						
WH449						
↓ 50						
↓ 66						
↓ 67						
WH2033			✓	✓		

SAMPLE CUSTODIAN SIGNATURE K.E. Mills

0324122

SAMPLE RECEIPT/CONDITION DOCUMENTATION

PAGE 3 OF 3

DOCUMENT CONTROL NUMBER: Hercules

USE NUMBER: Hercules

IRBILL NUMBER: FED X 9088172752

ITE RECEIVED: 07/12/88

ME RECEIVED: 0925

1. CUSTODY SEALS

PRESENT / NOT PRESENT
INTACT / NOT INTACT

2. OTHER SEALS, TAPE,
LOCKS, ETC.

PRESENT / NOT PRESENT
INTACT / NOT INTACT

3. CHAIN-OF CUSTODY

PRESENT / ABSENT

023912

SMD SAMPLE NUMBER	SAMPLE LC NUMBER	SAMPLE TAG		INFORMATION ON DOCUMENTATION		REMARKS: (CONDITION OF SAMPLE, SHIPMENT, DOCUMENTATION, ETC.)
		PRESENT	ABSENT	ACREE	DISAGREE	
WH 1468			✓	✓		
69			↓	↓		
71			↓	↓		
74			↓	↓		
75			↓	↓		
76			↓	↓		
80			↓	↓		
81			↓	↓		
82			↓	↓		
83			↓	↓		
90			↓	↓		
91			↓	↓		
92			↓	↓		
93			↓	↓		
94			↓	↓		
95			↓	↓		

SAMPLE CUSTODIAN SIGNATURE

J. E. Mills

032-1123



TMS Analytical Services Inc.

4 2186

6376 MORENO TRAIL • TEL. (317) 291-5697 • INDIANAPOLIS, INDIANA 46268

SAMPLE RECEIPT/CONDITION DOCUMENTATION

PAGE 1 OF 2DOCUMENT CONTROL NUMBER: MercuriusCASE NUMBER: MercuriusIRBILL NUMBER: Fed X #9088172785DATE RECEIVED: 02/19/88TIME RECEIVED: 0930

1. CUSTODY SEALS

PRESENT / NOT PRESENT
INTACT / NOT INTACT2. OTHER SEALS, TAPE,
LOCKS, ETC.PRESENT / NOT PRESENT
INTACT / NOT INTACT

3. CHAIN-OF CUSTODY

PRESENT / ABSENT

023913

SMD SAMPLE NUMBER	SAMPLE LC NUMBER	SAMPLE TAG		INFORMATION ON DOCUMENTATION		REMARKS: (CONDITION OF SAMPLE, SHIPMENT, DOCUMENTATION, ETC.)
		PRESENT	ABSENT	AGREE	DISAGREE	
WH2018			✓	✓		
↓ 19						
↓ 21						
↓ 22						
WH1478						
↓ 1477						
WH2096						
↓ 2100						
↓ 2103						
↓ 2104						
↓ 2106						
↓ 2107						
↓ 2111						
↓ 2112						
↓ 2113						
↓ 2117			✓	✓		

SAMPLE CUSTODIAN SIGNATURE K.E. Miller

0322-4124

0324125

SAMPLE RECEIPT/CONDITION DOCUMENTATION

PAGE 1 OF 2

CURRENT CONTROL NUMBER: Hercules

SE NUMBER: Hercules

RBILL NUMBER: Feb X 3447641551

TE RECEIVED: 07/28/88

ME RECEIVED: 0930

1. CUSTODY SEALS

PRESENT / NOT PRESENT
INTACT / NOT INTACT

2. OTHER SEALS, TAPE,
LOCKS, ETC.

PRESENT / NOT PRESENT
INTACT / NOT INTACT

3. CHAIN-OF CUSTODY

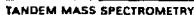
PRESENT / ABSENT

023916

SHO SAMPLE NUMBER	SAMPLE LC NUMBER	SAMPLE TAG		INFORMATION ON DOCUMENTATION		REMARKS: (CONDITION OF SAMPLE, SHIPMENT, DOCUMENTATION, ETC.)
		PRESENT	ABSENT	AGREE	DISAGREE	
WH2110			✓	✓		
08			↓	↓		
28			↓	↓		
26			↓	↓		
27			↓	↓		
09			↓	↓		
WH2061			↓	↓		
60			↓	↓		
WH2286			↓	↓		
87			↓	↓		
89			↓	↓		
WH2306			↓	↓		
07			↓	↓		
11			↓	↓		
13			↓	↓		
14			↓	↓		

SAMPLE CUSTODIAN SIGNATURE K. S. Mills

03224127



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PAGE 2 OF 2

LINE RECEIVED: 0930

PRESENT ABSENT

SAMPLE CUSTODIAN SIGNATURE

03224128



TMS Analytical Services Inc.

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4 2191

SAMPLE RECEIPT/CONDITION DOCUMENTATION

PAGE 1 OF 3DOCUMENT CONTROL NUMBER: HERCULESCASE NUMBER: HERCULESAIRBILL NUMBER: FED X# 9086172822DATE RECEIVED: 7/26/88TIME RECEIVED: 9:30

1. CUSTODY SEALS

PRESENT / NOT PRESENT
INTACT / NOT INTACT

2. OTHER SEALS, TAPE,
LOCKS, ETC.

PRESENT / NOT PRESENT
INTACT / NOT INTACT

3. CHAIN-OF CUSTODY

PRESENT / ABSENT

023918

SMO SAMPLE NUMBER	SAMPLE LC NUMBER	SAMPLE TAG		INFORMATION ON DOCUMENTATION		REMARKS: (CONDITION OF SAMPLE, SHIPMENT, DOCUMENTATION, ETC.)
		PRESENT	ABSENT	AGREE	DISAGREE	
WH 2220			✓	✓		
WH 2221			✓	✓		
WH 2222			✓	✓		
WH 2224			✓	✓		
WH 2226			✓	✓		
WH 2227			✓	✓		
WH 2228			✓	✓		
WH 2229			✓	✓		
WH 2230			✓	✓		
WH 2232			✓	✓		
WH 2233			✓	✓		
WH 2234			✓	✓		
WH 2235			✓	✓		
WH 2236			✓	✓		
WH 2237			✓	✓		
WH 2238			✓	✓		

SAMPLE CUSTODIAN SIGNATURE

03224129

SAMPLE RECEIPT/CONDITION DOCUMENTATION

PAGE 2 OF 3

DOCUMENT CONTROL NUMBER: HERCULES

CASE NUMBER: HERCULES

AIRBILL NUMBER: FED X #9008172822

DATE RECEIVED: 7/26/88

TIME RECEIVED: 930

1. CUSTODY SEALS PRESENT / NOT PRESENT
 INTACT / NOT INTACT

2. OTHER SEALS, TAPE,
 LOCKS, ETC. PRESENT / NOT PRESENT
 INTACT / NOT INTACT

3. CHAIN-OF CUSTODY PRESENT / ABSENT

023919

SMO SAMPLE NUMBER	SAMPLE LC NUMBER	SAMPLE TAG		INFORMATION ON DOCUMENTATION		REMARKS: (CONDITION OF SAMPLE, SHIPMENT, DOCUMENTATION, ETC.)
		PRESENT	ABSENT	ASREE	DISAGREE	
WH 2240			✓	✓		
WH 2241			✓	✓		
✓ WH 2242			✓	✓		
WH 2243			✓	✓		
WH 2244			✓	✓		
WH 2245			✓	✓		
WH 2246			✓	✓		
WH 2247			✓	✓		
WH 2249			✓	✓		
WH 2250			✓	✓		
WH 2252			✓	✓		
WH 2257			✓	✓		
WH 2258			✓	✓		
WH 2259			✓	✓		
✓ WH 2263			✓	✓		
WH 2264			✓	✓		

SAMPLE CUSTODIAN SIGNATURE

[Signature]

0322-4230

SAMPLE RECEIPT/CONDITION DOCUMENTATION

PAGE 3 OF 3

DOCUMENT CONTROL NUMBER: HERCULES

CASE NUMBER: HERCULES

AIRBILL NUMBER: FED X# 9088172822

DATE RECEIVED: 7/26/88

TIME RECEIVED: 9:30

1. CUSTODY SEALS

PRESNT NOT PRESENT
INTACT / NOT INTACT

2. OTHER SEALS, TAPE,
LOCKS, ETC.

PRESENT / NOT PRESENT
INTACT / NOT INTACT

3. CHAIN-OF CUSTODY

☒ PRESENT ☐ ABSENT

[illegible]

SAFLE CUSTODIAN SIGNATURE

0322:4131

023920

PAGE 1 OF 1

PRESENT / ABSENT

023921

SAFETY CUSTODIAN SIGNATURES

0325-4132

CASE NUMBER
BALANCE CHECK

Hercules

SAMPLE TRACKING RECORD

PAGE 1 OF 2

SMD SAMPLE #	SAMPLE WEIGHT	SAMPLE SPIKED	SAMPLE EXTRACTED	SAMPLE EVAP.	COLUMN #1 & #2 CLEANUP	CAREON COLUMN CLEANUP	EXTRACTS ISSUED TO GC/MS	EXTRACTS RECEIVED AT GC/MS	GC/MS ANALYSIS COMPLETED	EXTRACTS RET'D TO STORAGE	EXTRACTS REC'D FOR STORAGE	COMMENTS
mB	10.00	SP#	✓	✓	✓	✓	✓	✓	✓	✓	✓	
SB	10.00	d										
SS	10.00	SP#										
PE-A	5.00	25mg#										
2016	10.14	SP#										soil
2019	10.05											
2021	10.13											
22	10.14											
2027	10.00											
2060	10.00											
2096	10.05											
2107	10.10											
2120	10.11					✓						
2121	10.10					✓						
2204	10.20					✓						
2208	10.07					✓						
2257	10.00					✓						
2260	10.14											
2261	10.09											
22	10.11											
COMPLETED BY												
TE												

PAGE 2 OF 2

Hercules

[illegible]

TMS

TANDEM MASS SPECTROMETRY

TMS Analytical Services Inc.

6376 MORENCI TRAIL • TEL. (317) 291-5697 • INDIANAPOLIS, INDIANA 46268

Company Name: HERCULES

Report Date: 09/23/88

DOCUMENT INVENTORY

Document Control #	Document Type	# Pages
HERC0819A/0919A - 01	Case File Document Inventory Sheet	1
HERC0819A/0919A - 02	Letter	1
HERC0819A/0919A - 03	Form B-1S	6
HERC0819A/0919A - 04	Form B-2	10
HERC0819A/0919A - 05	Plots of RRF vs Conc.	1
HERC0819A/0919A - 06	Form B-3	2
HERC0819A/0919A - 07	Chromatographic Data of Initial Calibration Standards	196
HERC0819A/0919A - 08	Chromatographic Data of Daily Calibration Standards	14
HERC0819A/0919A - 09	Chromatographic Data of Column Performance Checks	14
HERC0819A/0919A - 10	Standard Data Package	14
HERC0819A/0919A - 11	Chain-of-Custody	4
HERC0819A/0919A - 12	Shipping Manifest	6
HERC0819A/0919A - 13	GC/MS Log	2
HERC0819A/0919A - 14	Additional Reporting Forms	5

023924

03224135



TMS Analytical Services Inc. ^{4 2198}

6376 MORENCI TRAIL • TEL. (317) 291-5697 • INDIANAPOLIS, INDIANA 46268

September 23, 1988

Hercules Incorporated
1313 N. Market Street
Wilmington, DE 19894
Dr. Florence K. Kinoshita
Medical Department

Dear Dr. Kinoshita:

Enclosed is the complete Sample Data Package for the isomer specific analysis for 2,3,7,8-TCDD. These samples were received as shipment HERCULES on July 28 and August 12, 1988. Results were sent by overnight courier on September 23 for arrival on September 26, 1988.

If you should have any questions regarding these data or this report, please contact me at (317)291-5697.

Very truly yours,

Dennis L. Heuring, by cjt
Dennis L. Heuring, Ph.D.
President

ENCLOSURES

023925

03224136

4 2199

FORM B-1S TCDD SOIL DATA REPORT FORM

Page 1 of 2

Lab: TMS ANALYTICAL SERVICES

Report Date: 09/20/88

HERC0819A ISOMER SPECIFIC

Column: SP2331; 60M X 0.25

Instrument ID: HP 5970MSD

ISOMER SPECIFIC FOR 2,3,7,8-TCDD

CLIENT Sample Number	Extr. Date	Wet Wt.	ug/kg Meas.	TCDD MPC	GC/MS Date	Analysis Time
2316	07/28/88	5.08	2.69		08/19/88	1857

023926

MB	MB = Method Blank	FB	FB = Field Blank
N	N = Native TCDD Spike	IS	IS = Internal Standard
D	D = Duplicate/Fortified Field Blank	RR	RR = Rerun
PE	PE = EMSL-LV Performance Evaluation Sample	ND	ND = Not Detected
MPC	MPC = Maximum Possible Concentration	RS	RS = Recovery Standard

03224137

FORM B-15 TCDD SOIL DATA REPORT FORM

Page 2 of 2

Lab: TMS ANALYTICAL SERVICES

Report Date: 09/20/88

HERC0819A ISOMER SPECIFIC

Column: SP2331; 60M X 0.25

ISOMER SPECIFIC FOR 2,3,7,8-TCDD

Instrument ID: HP 5970MSD

CLIENT Sample Number	Relative Response Ratios		Response (Area)						
	320/ 322	332/ 33415	259	320	322	328	33215	33415	
2316	0.89	0.87	NQ	42696	47708	26546	69807	80676	

MB = Method Blank
 N = Native TCDD Spike
 D = Duplicate/Fortified Field Blank
 PE = EMSL-LV Performance Evaluation Sample
 MPC = Maximum Possible Concentration

FB = Field Blank
 IS = Internal Standard
 RR = Rerun
 ND = Not Detected
 RS = Recovery Standard
 NQ = Not Quantitated

023927

FORM B-15 TCDD SOIL DATA REPORT FORM

Lab: TMS ANALYTICAL SERVICES

HERC0819A ISOMER SPECIFIC

Instrument ID: HP 5970MSD

PEAK HEIGHT: NOISE & SIGNAL

CLIENT Sample Number	-----			
	SURR SIGNAL	SURR NOISE	NATIVE SIGNAL	INTERNAL STD SIGNAL
2316		800	300	

023928

FORM B-1S TCDD SOIL DATA REPORT FORM

Page 1 of 2

Lab: TMS ANALYTICAL SERVICES

Report Date: 09/20/88

HERC0919A ISOMER SPECIFIC

Column: SP2331: 60M X 0.25
ISOMER SPECIFIC FOR 2,3,7,8-TCDD

Instrument ID: HP 5970MSD

CLIENT	Extr.		ug/kg	TCDD	GC/MS	Analysis
Sample	Date	Net Wt.	Meas.	NPC	Date	Time
Number						
2354	09/16/88	9.78	6.52		09/19/88	1549

MB MB = Method Blank
M M = Native TCDD Spike
D D = Duplicate/Fortified Field Blank
PE PE = ENSL-LV Performance Evaluation Sample
NPC NPC = Maximum Possible Concentration

FB = Field Blank
IS = Internal Standard
RR = Rerun
ND = Not Detected
RS = Recovery Standard

023929

FORM B-15 TCDD SOIL DATA REPORT FORM

Page 2 of 2

Lab: TMS ANALYTICAL SERVICES

Report Date: 09/20/88

HERC0919A ISOMER SPECIFIC

Column: SP2331; 60M X 0.25
ISOMER SPECIFIC FOR 2,3,7,8-TCDD

Instrument ID: HP 5970MSD

CLIENT Sample Number	Relative Response Ratios		Response (Area)							
	320/	332/								
	322	33415		259	320	322	328	33215	33415	
2354	0.76	0.79		77620	270860	357104	ND	214633	272213	

MB = Method Blank
 M = Native TCDD Spike
 D = Duplicate/Fortified Field Blank
 PE = ENSL-LV Performance Evaluation Sample
 MPC = Maximum Possible Concentration

FB = Field Blank
 IS = Internal Standard
 RR = Rerun
 ND = Not Detected
 RS = Recovery Standard
 NQ = Not Quantitated

023930

FORM B-1S TCDD SOIL DATA REPORT FORM

Lab: TMS ANALYTICAL SERVICES

HERC0919A ISOMER SPECIFIC

Instrument ID: HP 5970MSD

CLIENT Sample Number	PEAK HEIGHT: NOISE & SIGNAL			
	SURR SIGNAL	SURR NOISE	NATIVE SIGNAL	INTERNAL STD SIGNAL
2354	690	300		

023931

4 2205

FORM B-2

Page 1 of 2

INITIAL CALIBRATION SUMMARY

Laboratory: TMS ANALYTICAL SERVICES

CC Solution Alternative: II

Instrument ID: HF5970MSD

Date	Time	Sol. ID	AREA						
			320	322	328	332IS	334IS	332RS	334RS
12/10/87	1139	CC1	81667	103594	64544	388540	508121	246363	303039
12/10/87	1211	CC1	55207	69532	44177	270067	334764	155714	190294
12/10/87	1243	CC1	52633	70447	40204	245540	304190	140270	172777
12/10/87	1345	CC2	421706	555954	147075	401101	515970	253790	311433
12/10/87	1417	CC2	446509	583866	154612	415810	542426	258862	322356
12/10/87	1450	CC2	465248	597732	158244	436747	557568	270270	328103
12/10/87	1522	CC3	1874520	2435132	225524	365137	460954	228821	280484
12/10/87	1554	CC3	1930166	2487907	225238	377126	477220	230121	283684
12/10/87	1626	CC3	1860633	2416488	221614	362437	455495	226614	279459
12/10/87	1658	CC4	7761312	10280454	xxx	381115	473276	266939	322534
12/10/87	1730	CC4	7858218	10355753	xxx	379549	478280	255513	309835
12/10/87	1802	CC4	7911157	10384749	xxx	380354	486909	253568	315334

Solution ID Codes:

CC1 = Concentration Calibration Solution #1
 CC2 = Concentration Calibration Solution #2
 CC3 = Concentration Calibration Solution #3
 CC4 = Concentration Calibration Solution #4

* Not present in CC Solution
 Alternative One

023932

03224143

FORM B-2

Page 2 of 2

INITIAL CALIBRATION SUMMARY

Laboratory: TMS ANALYTICAL SERVICES

CC Solution Alternative: 11

Instrument ID: HP5970MSD

Date	Time	Sol. ID	Measured RRFn	Mean RRFn	Measured RRFi	Mean RRFi
12/10/87	1139	CC1	1.085		0.933	
12/10/87	1211	CC1	1.083	1.114	0.999	0.978
12/10/87	1243	CC1	1.175		1.004	
12/10/87	1345	CC2	1.119		0.927	
12/10/87	1417	CC2	1.129	1.124	0.942	0.940
12/10/87	1450	CC2	1.122		0.950	
12/10/87	1522	CC3	1.096		0.927	
12/10/87	1554	CC3	1.086	1.093	0.950	0.934
12/10/87	1626	CC3	1.098		0.924	
12/10/87	1658	CC4	1.109		0.828	
12/10/87	1730	CC4	1.115	1.110	0.867	0.856
12/10/87	1802	CC4	1.108		0.871	

Solution ID Codes:

CC1 = Concentration Calibration Solution #1
 CC2 = Concentration Calibration Solution #2
 CC3 = Concentration Calibration Solution #3
 CC4 = Concentration Calibration Solution #4

ZRSD:	RRFn	RRFi
CC1 =	4.75	4.05
CC2 =	0.44	1.21
CC3 =	0.55	1.55
CC4 =	0.35	2.77

Native Mean	IS Mean
of Means:	1.10 of Means: 0.93

023933

FORM B-2

INITIAL CALIBRATION SUMMARY

ION RATIOS

Laboratory: TMS ANALYTICAL SERVICES

CC Solution Alternative: II

Instrument ID: HP5970MSD

RELATIVE RESPONSE RATIOS						
Date	Time	Sol. ID	IS			RS
			320/322	332/334	332/334	
12/10/87	1139	CC1	0.788	0.765	0.813	
12/10/87	1211	CC1	0.794	0.807	0.818	
12/10/87	1243	CC1	0.747	0.807	0.812	
12/10/87	1345	CC2	0.759	0.777	0.815	
12/10/87	1417	CC2	0.765	0.767	0.803	
12/10/87	1450	CC2	0.778	0.783	0.824	
12/10/87	1522	CC3	0.770	0.792	0.816	
12/10/87	1554	CC3	0.776	0.790	0.811	
12/10/87	1626	CC3	0.770	0.796	0.811	
12/10/87	1658	CC4	0.755	0.805	0.828	
12/10/87	1730	CC4	0.759	0.794	0.825	
12/10/87	1802	CC4	0.762	0.781	0.804	

Solution ID Codes:

CC1 = Concentration Calibration Solution #1
 CC2 = Concentration Calibration Solution #2
 CC3 = Concentration Calibration Solution #3
 CC4 = Concentration Calibration Solution #4

023934

INITIAL CALIBRATION SUMMARY

CC Solution Alternative: II

	TCDD	TCDD	TCDD
	NATIVE	INTERNAL	RECOVERY
CC1	0.1818	0.9545	0.5455
CC2	0.9091	0.9545	0.5455
CC3	4.545	0.9545	0.5455
CC4	18.18	0.9545	0.5455

023935

CC Solution Alternative: II

Q19	25
QPS	45.455

FORM B-2

Page 1 of 2

INITIAL CALIBRATION SUMMARY

Laboratory: TMS ANALYTICAL SERVICES

CC Solution Alternative: 11

Instrument ID: HP5970MSD

Date	Time	Sol. ID	AREA						
			320	322	328	33215	33415	332RS	334RS
08/24/88	2040	CC1	128939	164468	113709	645867	819059	410489	502201
08/24/88	2113	CC1	106305	134799	100393	531465	676173	343601	415558
08/24/88	2146	CC1	112658	139941	97687	558377	698782	356427	435585
08/24/88	2219	CC2	539480	701310	194962	554823	691560	362473	433397
08/24/88	2252	CC2	538013	708990	196976	554417	707759	365989	447671
08/24/88	2325	CC2	521636	671009	194331	529567	664046	333883	423563
08/24/88	2358	CC3	2559830	3329993	317238	527982	677656	342092	434506
08/25/88	0031	CC3	2578320	3354523	322052	531094	676008	354283	433081
08/25/88	0104	CC3	2585756	3338620	321000	528996	673274	346818	422193
08/25/88	0137	CC4	9702909	12754308	xxx	566272	719618	368453	460414
08/25/88	0210	CC4	9946524	13140369	xxx	593269	734086	376656	465924
08/25/88	0243	CC4	9654770	12947345	xxx	577073	722950	367405	453120

Solution ID Codes:

CC1 = Concentration Calibration Solution #1
 CC2 = Concentration Calibration Solution #2
 CC3 = Concentration Calibration Solution #3
 CC4 = Concentration Calibration Solution #4

* Not present in CC Solution
 Alternative One

023936

FORM B-2

Page 2 of 2

INITIAL CALIBRATION SUMMARY

Laboratory: TMS ANALYTICAL SERVICES

CC Solution Alternative: II

Instrument ID: HP5970MSD

Date	Time	Sol. ID	Measured RRFn	Mean RRFn	Measured RRFi	Mean RRFi
08/24/88	2040	CC1	1.052		0.917	
08/24/88	2113	CC1	1.048	1.052	0.909	0.911
08/24/88	2146	CC1	1.055		0.907	
08/24/88	2219	CC2	1.045		0.895	
08/24/88	2252	CC2	1.037	1.044	0.887	0.894
08/24/88	2325	CC2	1.049		0.901	
08/24/88	2358	CC3	1.024		0.889	
08/25/88	0131	CC3	1.032	1.030	0.876	0.886
08/25/88	0104	CC3	1.035		0.893	
08/25/88	0137	CC4	0.917		0.897	
08/25/88	0210	CC4	0.913	0.917	0.900	0.898
08/25/88	0243	CC4	0.921		0.906	

Solution ID Codes:

CC1 = Concentration Calibration Solution #1
 CC2 = Concentration Calibration Solution #2
 CC3 = Concentration Calibration Solution #3
 CC4 = Concentration Calibration Solution #4

XRSD:	RRFn	RRFi
CC1 =	0.32	0.59
CC2 =	0.57	0.79
CC3 =	0.54	1.01
CC4 =	0.40	1.10

Native Mean	IS Mean
of Means: 1.01	of Means: 0.90

023937

03224148

FORM B-2

INITIAL CALIBRATION SUMMARY

ION RATIOS

Laboratory: TMS ANALYTICAL SERVICES

CC Solution Alternative: II

Instrument ID: HP5970MSD

RELATIVE RESPONSE RATIOS

Date	Time	Sol. ID	RELATIVE RESPONSE RATIOS		
			320/322	332/334	RS 332/334
08/24/88	2040	CC1	0.784	0.789	0.817
08/24/88	2113	CC1	0.789	0.786	0.827
08/24/88	2146	CC1	0.805	0.799	0.818
08/24/88	2219	CC2	0.769	0.802	0.836
08/24/88	2252	CC2	0.759	0.783	0.818
08/24/88	2325	CC2	0.777	0.797	0.788
08/24/88	2358	CC3	0.769	0.777	0.787
08/25/88	0031	CC3	0.769	0.786	0.818
08/25/88	0104	CC3	0.774	0.786	0.821
08/25/88	0137	CC4	0.761	0.787	0.800
08/25/88	0210	CC4	0.757	0.808	0.808
08/25/88	0243	CC4	0.761	0.798	0.811

Solution ID Codes:

CC1 = Concentration Calibration Solution #1
 CC2 = Concentration Calibration Solution #2
 CC3 = Concentration Calibration Solution #3
 CC4 = Concentration Calibration Solution #4

023938

INITIAL CALIBRATION SUMMARY

CC Solution Alternative: II

	TCDD	TCDD	TCDD
	NATIVE	INTERNAL	RECOVERY
CC1	0.1818	0.9545	0.5455
CC2	0.9091	0.9545	0.5455
CC3	4.545	0.9545	0.5455
CC4	18.18	0.9545	0.5455

CC Solution Alternative: II

GIS	50
BRS	45.455

023939

DAILY CALIBRATION SUMMARY

Laboratory: TMS ANALYTICAL SERVICES CC Solution Alternative: II

Instrument ID: HP5970MSD

Date	Time	Sol. ID	AREA						
			320	322	328	332IS	334IS	332RS	334RS
08/19/88	1709	CC1	315624	410624	279448	1654619	2072875	1047639	1288978
		CC1							
		CC1							

DAILY CALIBRATION SUMMARY

Laboratory: TMS ANALYTICAL SERVICES

Date	Time	Sol. ID	RRFn		RRFi	
			Measured RRFn	% DEVIATION FROM INIT CAL	Measured RRFi	% DEVIATION FROM INIT CAL
08/19/88	1709	CC1	1.023	-7.0	0.912	-1.6
		CC1	ERR	ERR	ERR	ERR
		CC1	ERR	ERR	ERR	ERR

RELATIVE RESPONSE RATIOS

IS		RS
320/322	332/334	332/334
0.769	0.798	0.813
ERR	ERR	ERR
ERR	ERR	ERR

023940

DAILY CALIBRATION SUMMARY

Laboratory: TMS ANALYTICAL SERVICES CC Solution Alternative: II

Instrument ID: HP5970MSD

Date	Time	Sol. ID	AREA						
			320	322	328	332IS	334IS	332RS	334RS
09/19/88	1448	CC1	116396	159438	101739	603625	759169	366453	452800
		CC1							
		CC1							

DAILY CALIBRATION SUMMARY

Laboratory: TMS ANALYTICAL SERVICES

Date	Time	Sol. ID	RRFn		RRFi	
			Measured RRFn	% DEVIATION FROM INIT CAL	Measured RRFi	% DEVIATION FROM INIT CAL
09/19/88	1448	CC1	1.063	5.1	0.951	6.0
		CC1	ERR	ERR	ERR	ERR
		CC1	ERR	ERR	ERR	ERR

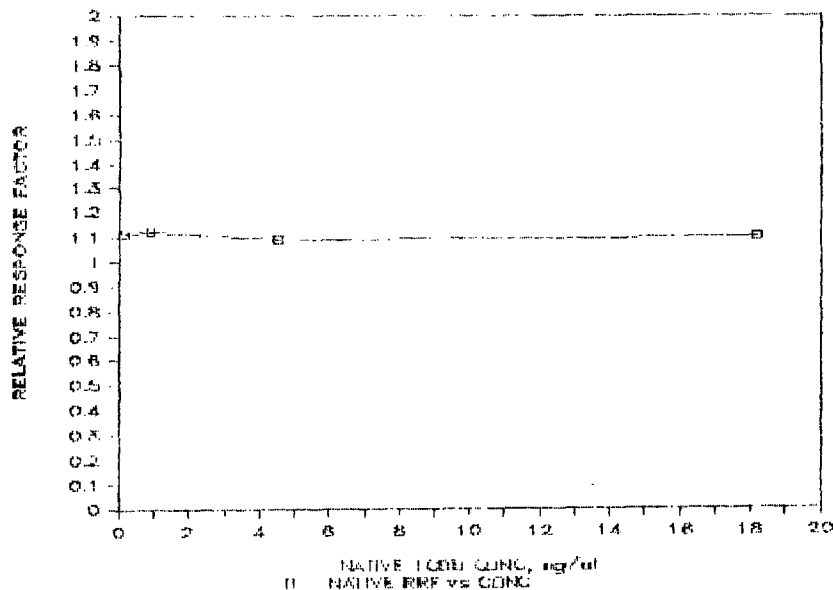
RELATIVE RESPONSE RATIOS

IS		RS	
320/322	332/334	332/334	332/334
0.730	0.795	0.809	
ERR	ERR	ERR	
ERR	ERR	ERR	

023941

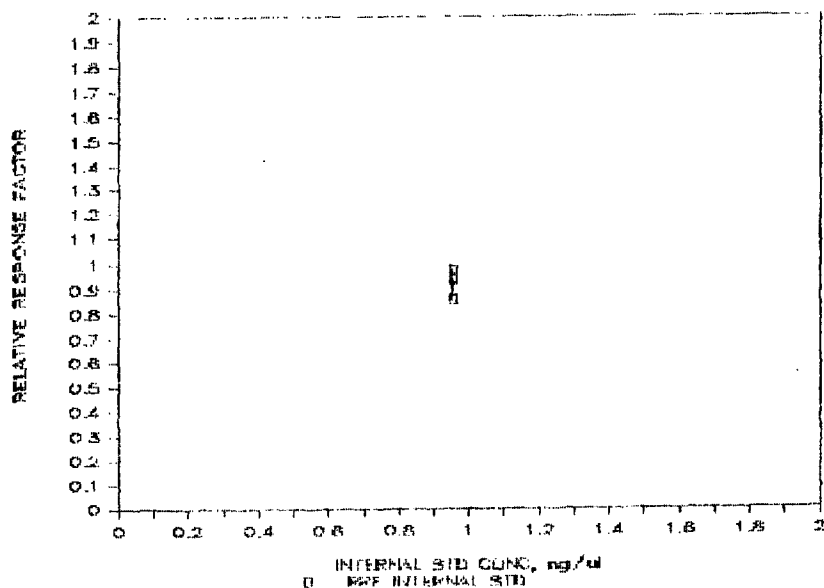
PLOT OF RRF NATIVE TCDD vs CONC

4 2215



023942

PLOT OF RRF INTERNAL STD vs CONC



03224153

FORM B-3

ROUTINE CALIBRATION SUMMARY

Laboratory: TMS ANALYTICAL

CC Solution Alternative: II

Case/Batch No.: Hercules

Instrument ID: HP MSD 5970

(PCS) PERFORMANCE CHECK SOL.

(CC1)
CON. CALIB. SOL. #1

Date	8/19/88						8/19/88		
Time	1635								
Response									
259	77908						107772 1950	8/19/88	
320	257541						315624		
322	335385						410624		
328	63020						279448		
332IS	853343						1165469		
334IS	1057134						2072875		
332RS	1708317						1047639		
334RS	2077524						1288978		
Ratios									
320/322	.77						.77		
332/334IS	.81						.80		
332/334RS	.82						.81		
RRF _n	—	—	—	—	—	—	1.023		
RRF _i	—	—	—	—	—	—	.912		
% Valley	10.7						—	—	—

023943

FORM B-3

ROUTINE CALIBRATION SUMMARY

Laboratory: TMS Analytical

CC Solution Alternative: II

Case/Batch No.: Hercules

Instrument ID: HP MSD 5970

(PCS) PERFORMANCE CHECK SOL-

(CC1)
CON. CALIB. SOL. #1

Date	9/11/88								
Time	1256								
Response									
259	—								
320	38769								
322	50958								
28	—								
332IS	159036								
334IS	176679								
332RS	274125								
334RS	331626								
Ratios									
320/322	.76								
332/334IS	.90								
332/334RS	.83								
RRF _n	—	—	—	—	—	—			
RRF _t	—	—	—	—	—	—			
Valley	5.8						—	—	—

023944

4 2218

Data file: DATA:ICALA01A.D
File type: GC / MS DATA FILE

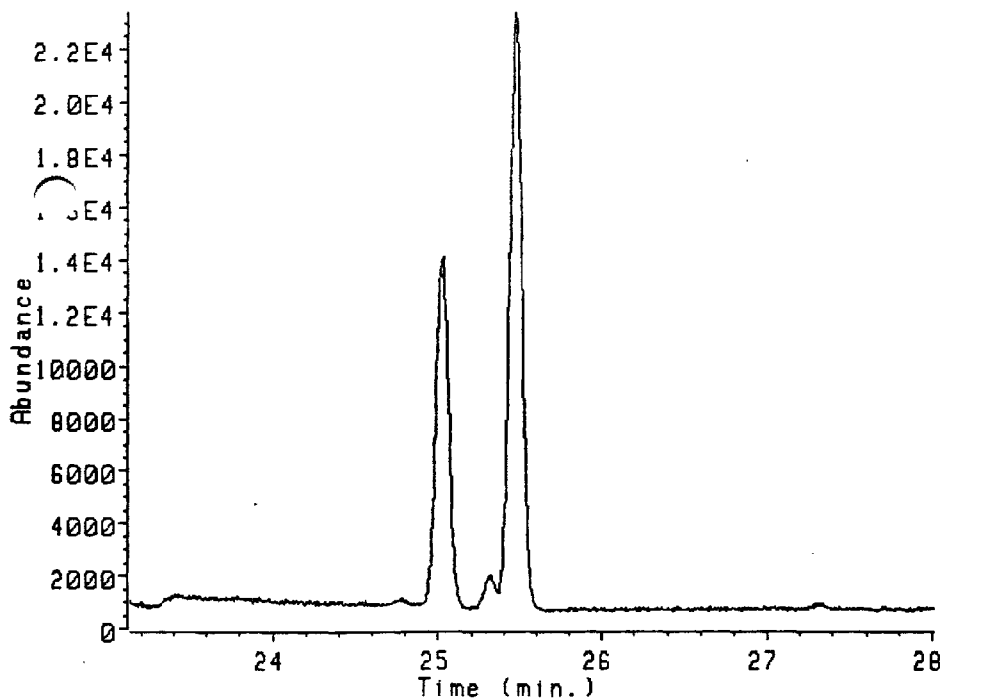
Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator: MS OPERATOR

Date: 10 Dec 87 11:07 am
Instrument: MS_5970
Inlet: GC

Sequence index: 1
Als bottle num: 1
Replicate num: 1

023945

TIC of DATA:ICALA01A.D



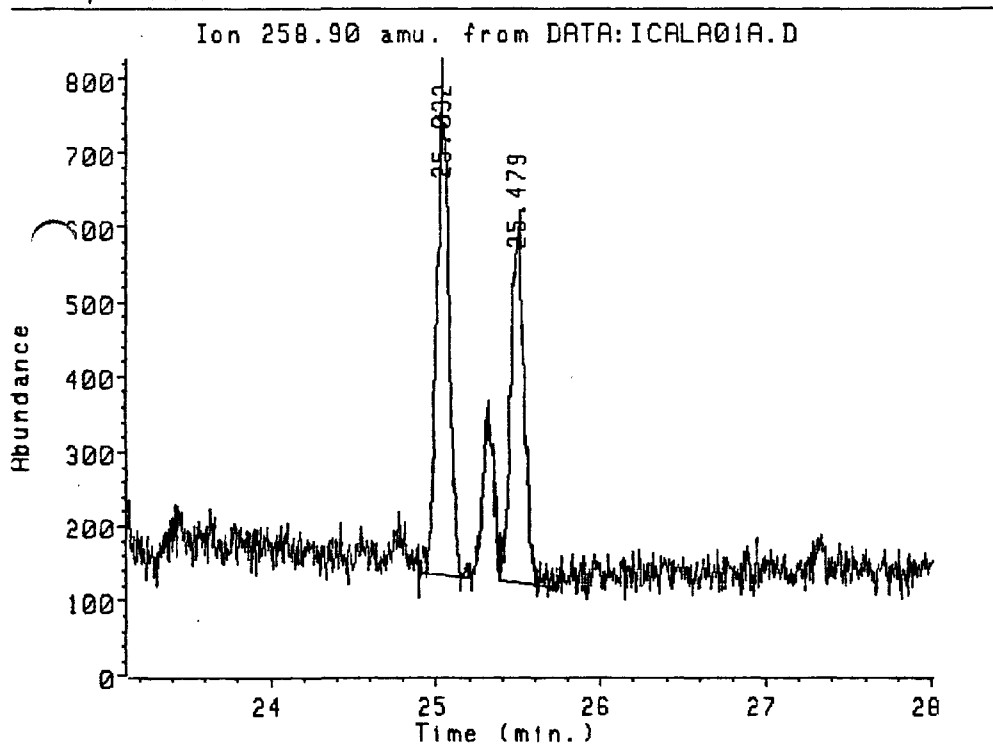
Data file: DATA:ICALA01A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 11:07 am
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 1
Replicate num : 1

023946



Ion 258.90 amu. from DATA:ICALA01A.D
COLUMN PERFORMANCE MIX

	Ret Time	Type	Width	Area	Start Time	End Time
1	25.032	UU	0.091	33237	24.902	25.210
2	25.479	UB	0.099	27499	25.380	25.708

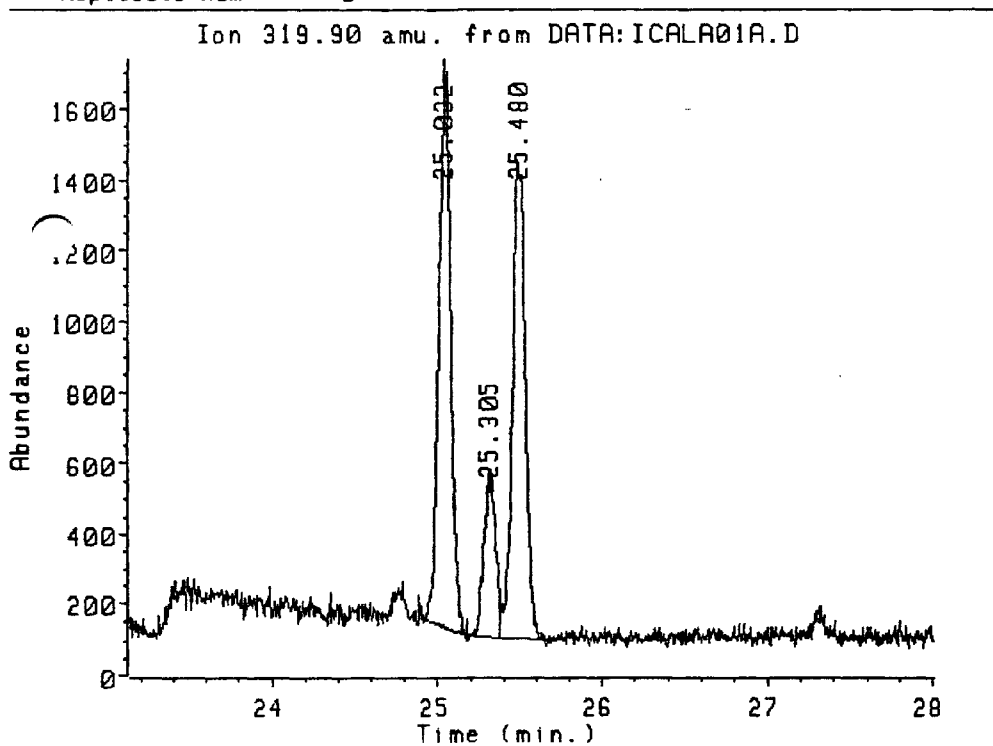
Data file: DATA:ICALA01A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator: MS OPERATOR

Date: 10 Dec 87 11:07 am
Instrument: MS_5970
Inlet: GC

Sequence index: 1
Als bottle num: 1
Replicate num: 1

023947



Ion 319.90 amu. from DATA:ICALA01A.D
COLUMN PERFORMANCE MIX

Pe. #	Ret Time	Type	Width	Area	Start Time	End Time
1	25.032	BU	0.085	78063	24.902	25.180
2	25.305	PV	0.083	22626	25.180	25.379
3	25.480	UB	0.088	73270	25.379	25.755

03224158

Data file: DATA:ICALA01A.D
File type: GC / MS DATA FILE

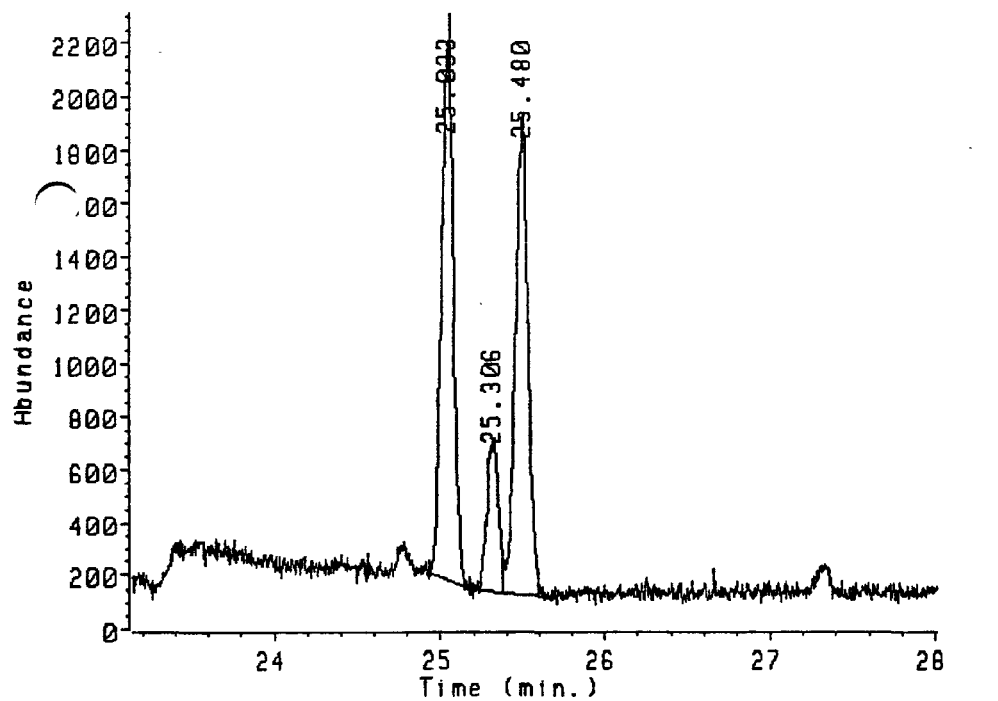
Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 11:07 am
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 1
Replicate num : 1

023948

Ion 321.90 amu. from DATA:ICALA01A.D



Ion 321.90 amu. from DATA:ICALA01A.D
COLUMN PERFORMANCE MIX

	Ret Time	Type	Width	Area	Start Time	End Time
1	25.033	BU	0.086	102390	24.926	25.179
2	25.306	PV	0.084	28766	25.179	25.378
3	25.480	UB	0.091	95712	25.378	25.665

03224159

Data file: DATA:ICALA01A.D
File type: GC / MS DATA FILE

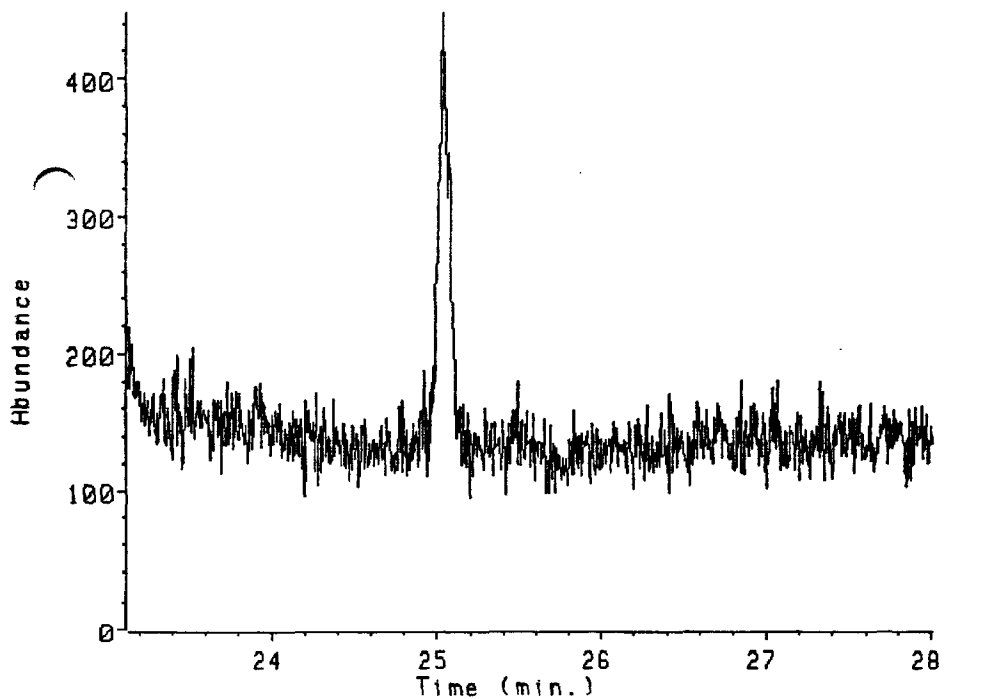
Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 11:07 am
Instrument: MS_5970
Inlet : GC

Sequence index : 1
ALS bottle num : 1
Replicate num : 1

023949

Ion 327.90 amu. from DATA:ICALA01A.D



Ion 327.90 amu. from DATA:ICALA01A.D
COLUMN PERFORMANCE MIX

No peaks detected

Data file: DATA:ICALA01A.D
File type: GC / MS DATA FILE

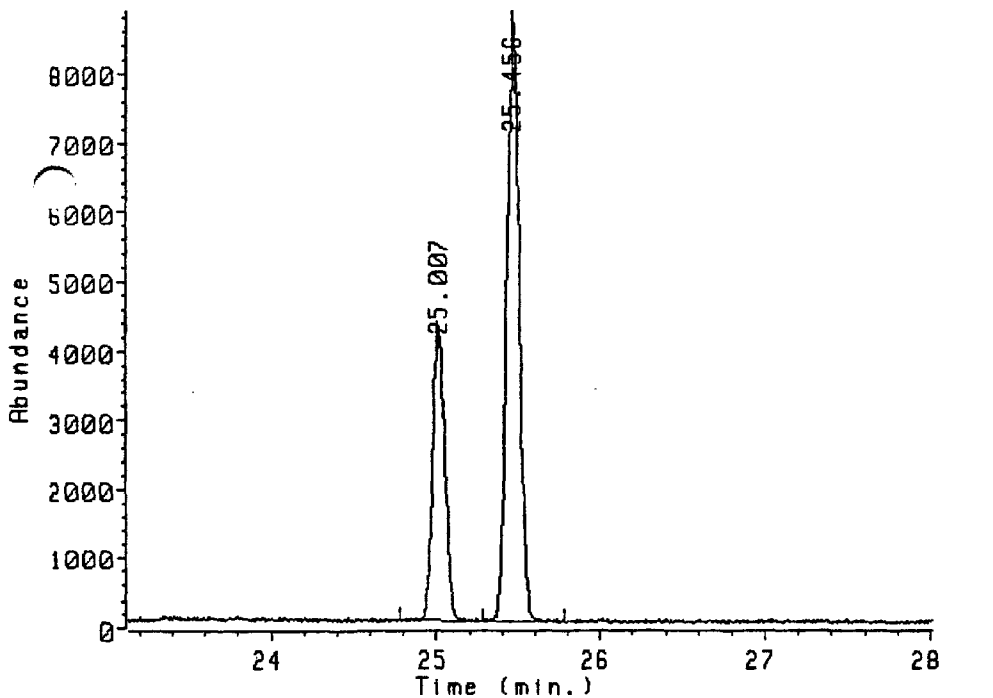
Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator: MS OPERATOR

Date: 10 Dec 87 11:07 am
Instrument: MS_5970
Inlet: GC

Sequence index: 1
ALS bottle num: 1
Replicate num: 1

023950

Ion 331.80 amu. from DATA:ICALA01A.D



Ion 331.80 amu. from DATA:ICALA01A.D
COLUMN PERFORMANCE MIX

Ret Time	Type	Width	Area	Start Time	End Time
1 25.007	BU	0.087	218250	24.784	25.281
2 25.456	UB	0.090	459837	25.281	25.779

03224161

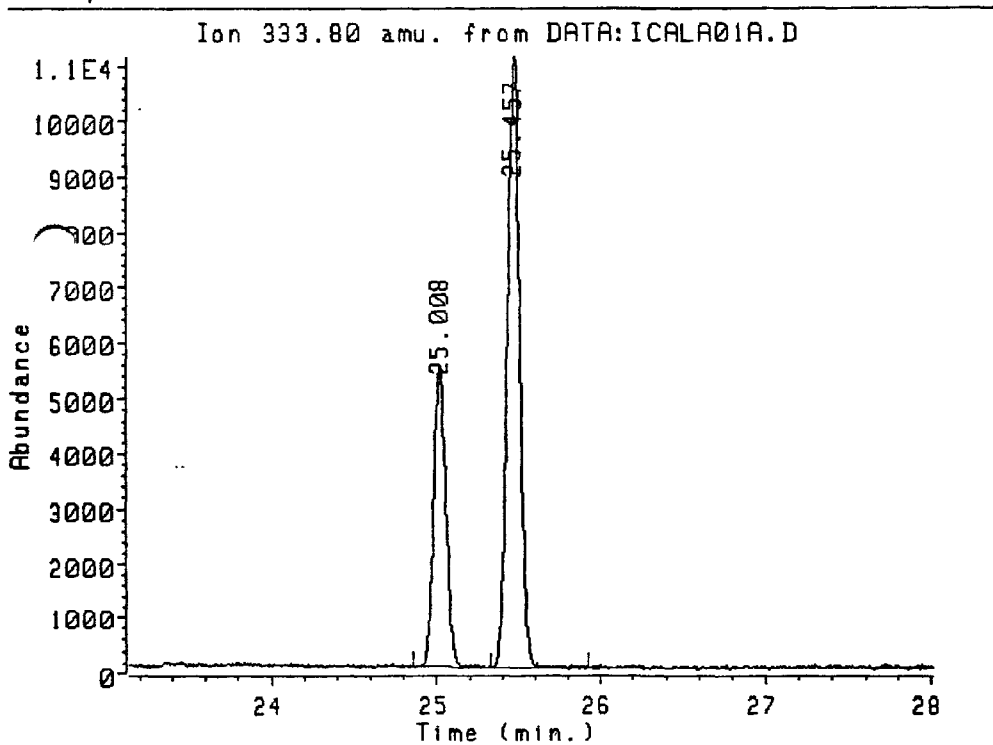
Data file: DATA:ICALA01A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator: MS OPERATOR

Date: 10 Dec 87 11:07 am
Instrument: MS_5970
Inlet: GC

Sequence index: 1
Als bottle num: 1
Replicate num: 1

023951



Ion 333.80 amu. from DATA:ICALA01A.D
COLUMN PERFORMANCE MIX

Pe	Ret Time	Type	Width	Area	Start Time	End Time
1	25.008	BV	0.087	279885	24.855	25.329
2	25.457	PB	0.086	573510	25.329	25.921

Data file: DATA:ICALB02A.D
File type: GC / MS DATA FILE

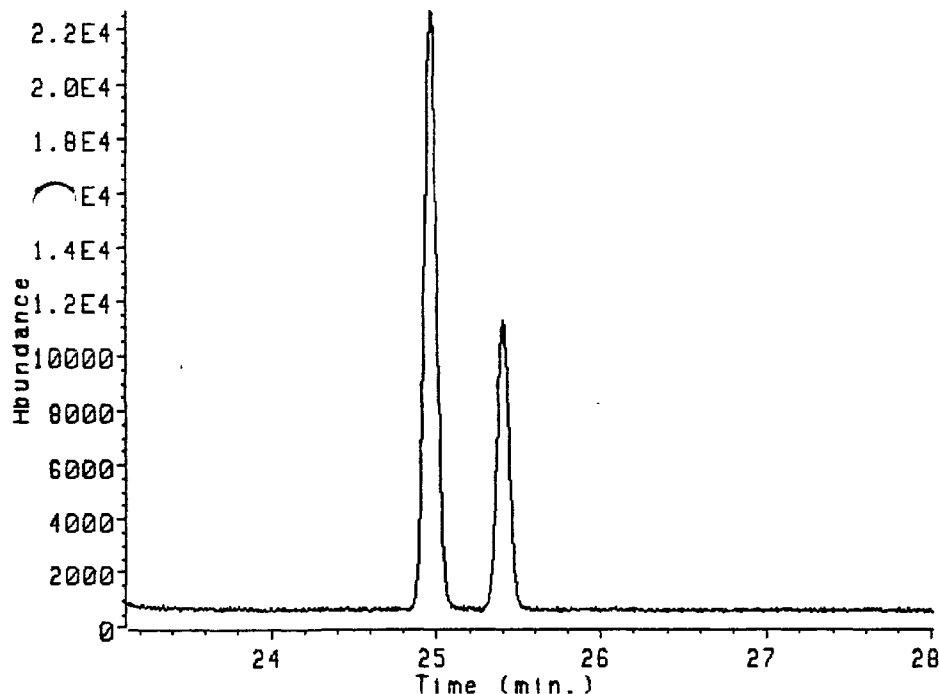
Name Info: CLP CALIBRATION SOLN I
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 11:39 am
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1

023952

TIC of DATA:ICALB02A.D



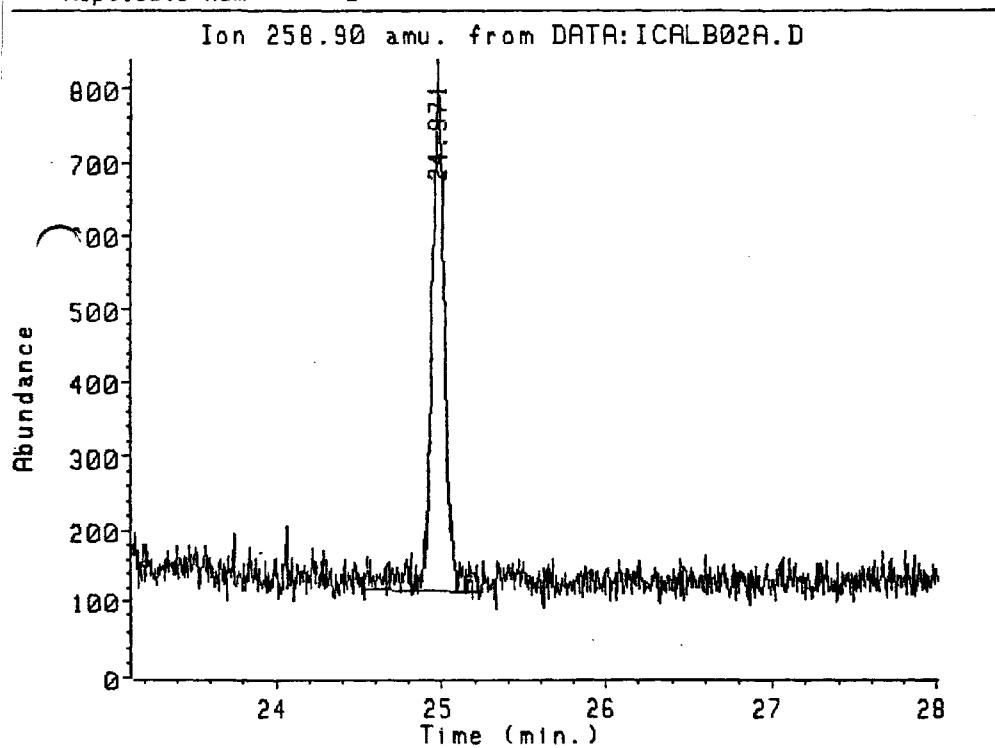
Data file: DATA:ICALB02A.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN I
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 11:39 am
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1

023953



Ion 258.90 amu. from DATA:ICALB02A.D
CLP CALIBRATION SOLN I

Pe	Ret Time	Type	Width	Area	Start Time	End Time
1	24.971	BU	0.140	41228	24.525	25.218

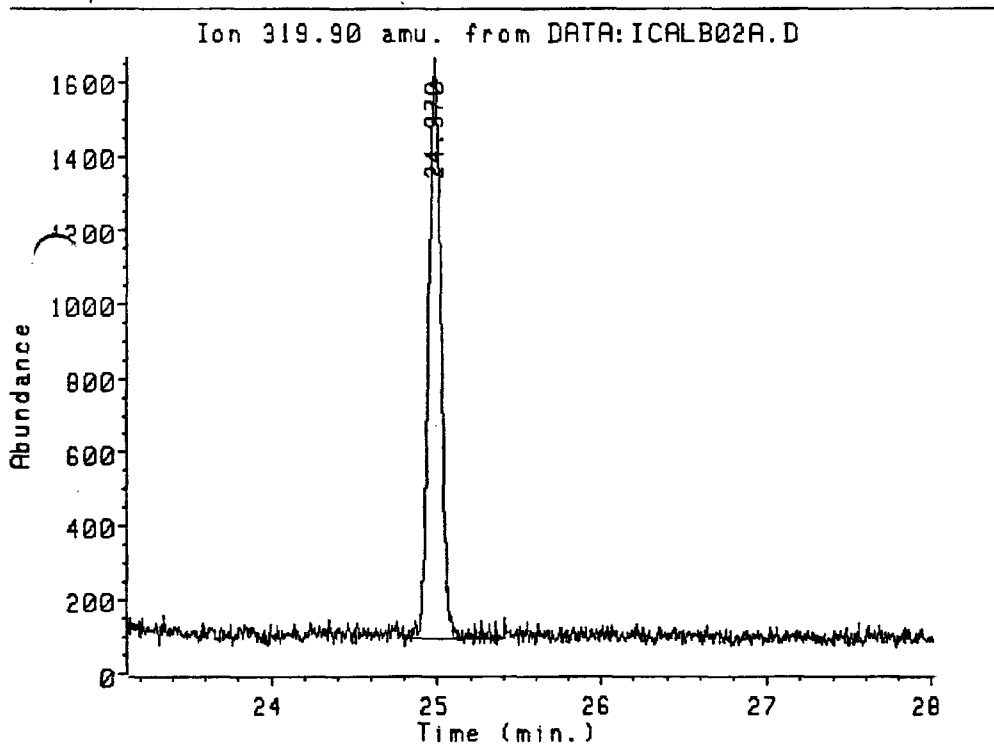
Data file: DATA:ICALB02A.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN I
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 11:39 am
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1

023954



Ion 319.90 amu. from DATA:ICALB02A.D
CLP CALIBRATION SOLN I

Ret Time	Type	Width	Area	Start Time	End Time
24.970	BB	0.132	81667	24.784	25.315

Data file: DATA:ICALB02A.D
File type: GC / MS DATA FILE

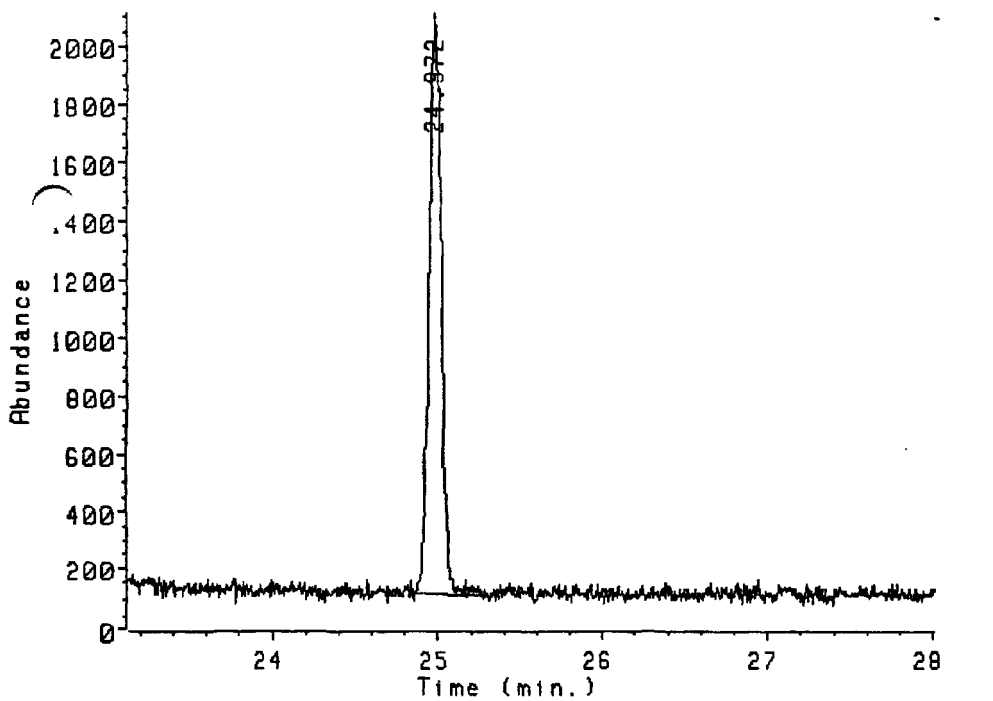
Name Info: CLP CALIBRATION SOLN I
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 11:39 am
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1

023955

Ion 321.90 amu. from DATA:ICALB02A.D



Ion 321.90 amu. from DATA:ICALB02A.D
CLP CALIBRATION SOLN I

Ret Time	Type	Width	Area	Start Time	End Time
24.972	BB	0.127	103594	24.832	25.291

Data file: DATA:ICALB02A.D
File type: GC / MS DATA FILE

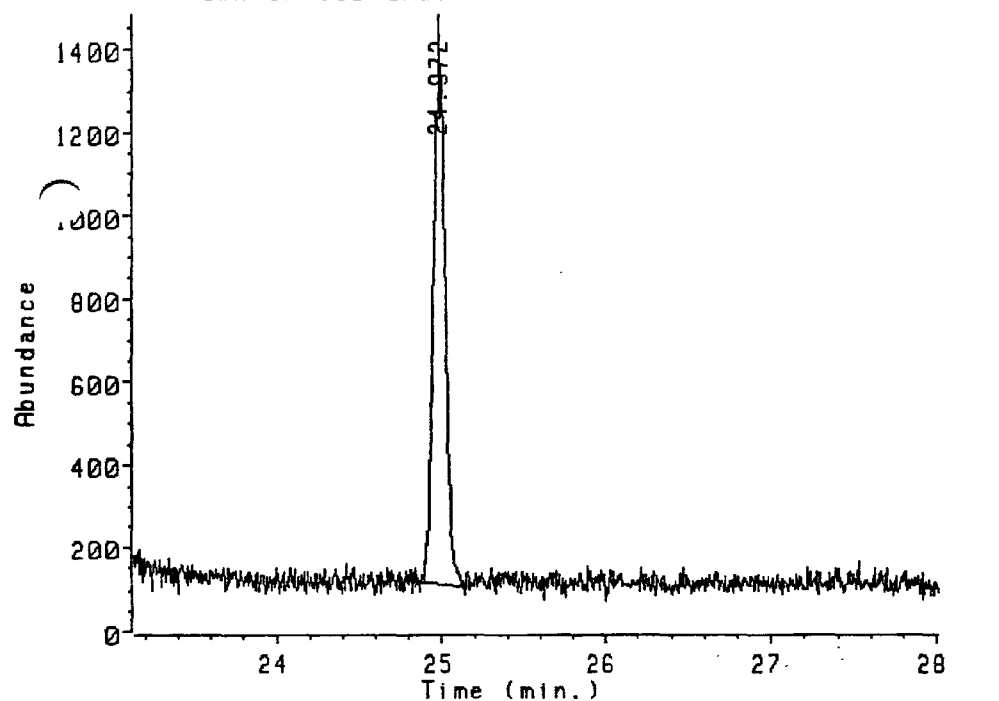
Name Info: CLP CALIBRATION SOLN I
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 11:39 am
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1

023956

Ion 327.90 amu. from DATA:ICALB02A.D



Ion 327.90 amu. from DATA:ICALB02A.D
CLP CALIBRATION SOLN I

	Ret Time	Type	Width	Area	Start Time	End Time
Pe 1	24.972	BB	0.123	64544	24.832	25.122

Data file: DATA:ICALB02A.D
File type: GC / MS DATA FILE

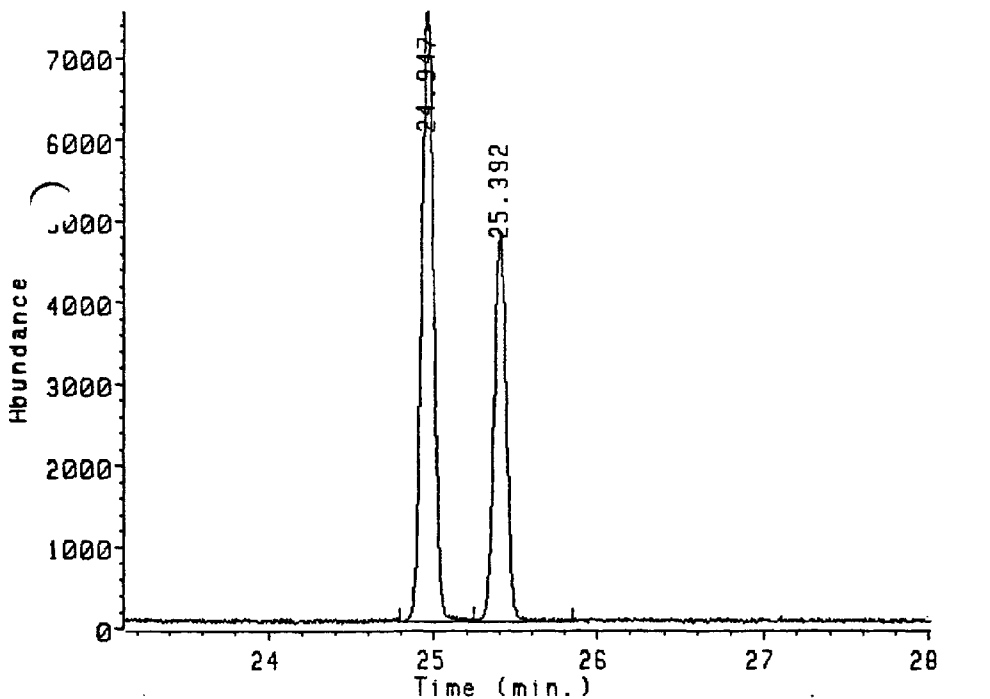
Name Info: CLP CALIBRATION SOLN I
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 11:39 am
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1

023957

Ion 331.80 amu. from DATA:ICALB02A.D



Ion 331.80 amu. from DATA:ICALB02A.D
CLP CALIBRATION SOLN I

	Ret Time	Type	Width	Area	Start Time	End Time
1	24.947	BU	0.148	388540	24.784	25.242
2	25.392	UB	0.136	246363	25.242	25.845

Data file: DATA:ICALB02A.D
File type: GC / MS DATA FILE

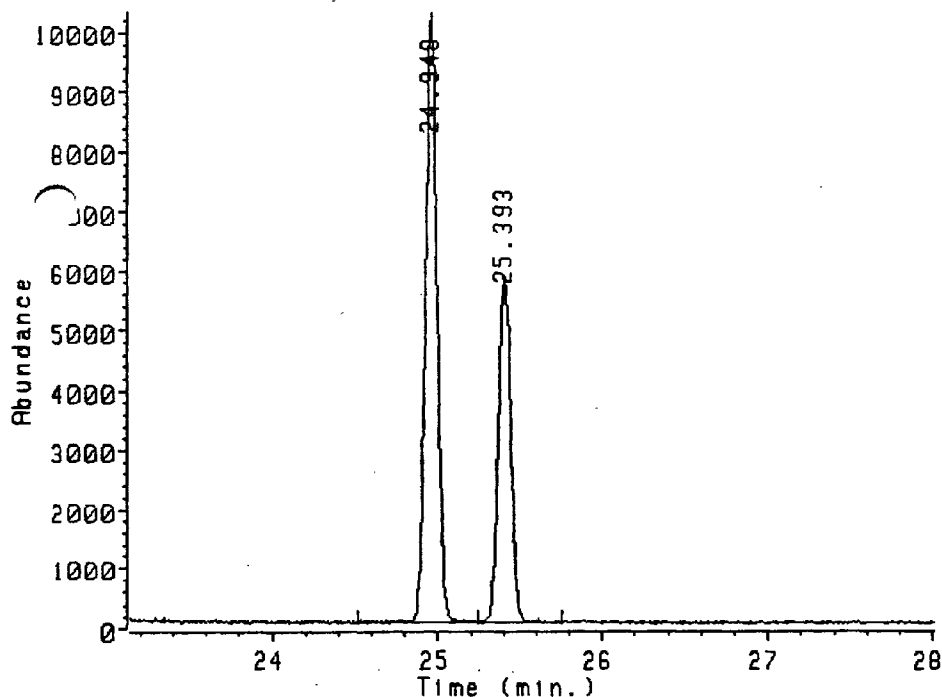
Name Info: CLP CALIBRATION SOLN I
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 11:39 am
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1

023958

Ion 333.80 amu. from DATA:ICALB02A.D



Ion 333.80 amu. from DATA:ICALB02A.D
CLP CALIBRATION SOLN I

	Ret Time	Type	Width	Area	Start Time	End Time
2	24.948	BU	0.139	508121	24.512	25.242
	25.393	UB	0.130	303039	25.242	25.749

Data file: DATA:ICALB02B.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN I

Misc Info:

Operator : MS OPERATOR

Date : 10 Dec 87 12:11 pm

Instrument: MS_5970

Inlet : GC

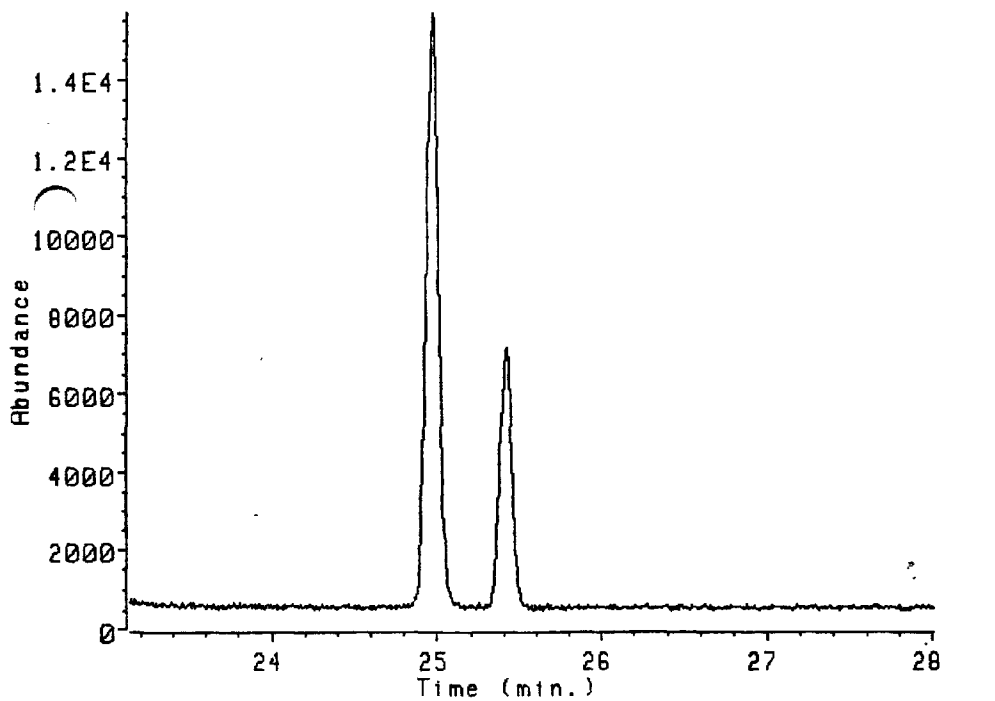
Sequence index : 2

Als bottle num : 2

Replicate num : 2

023959

TIC of DATA:ICALB02B.D



Data file: DATA:ICALB02B.D
File type: GC / MS DATA FILE

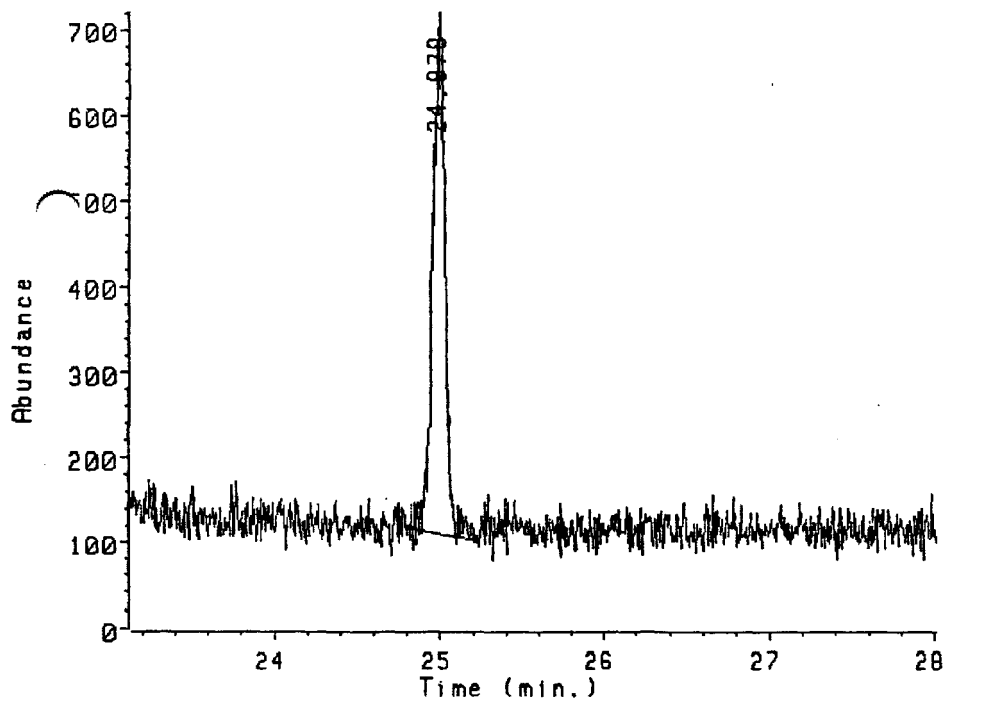
Name Info: CLP CALIBRATION SOLN I
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 12:11 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 2

023960

Ion 258.90 amu. from DATA:ICALB02B.D



Ion 258.90 amu. from DATA:ICALB02B.D
CLP CALIBRATION SOLN I

Pe	Ret Time	Type	Width	Area	Start Time	End Time
	24.978	BB	0.119	31638	24.784	25.218

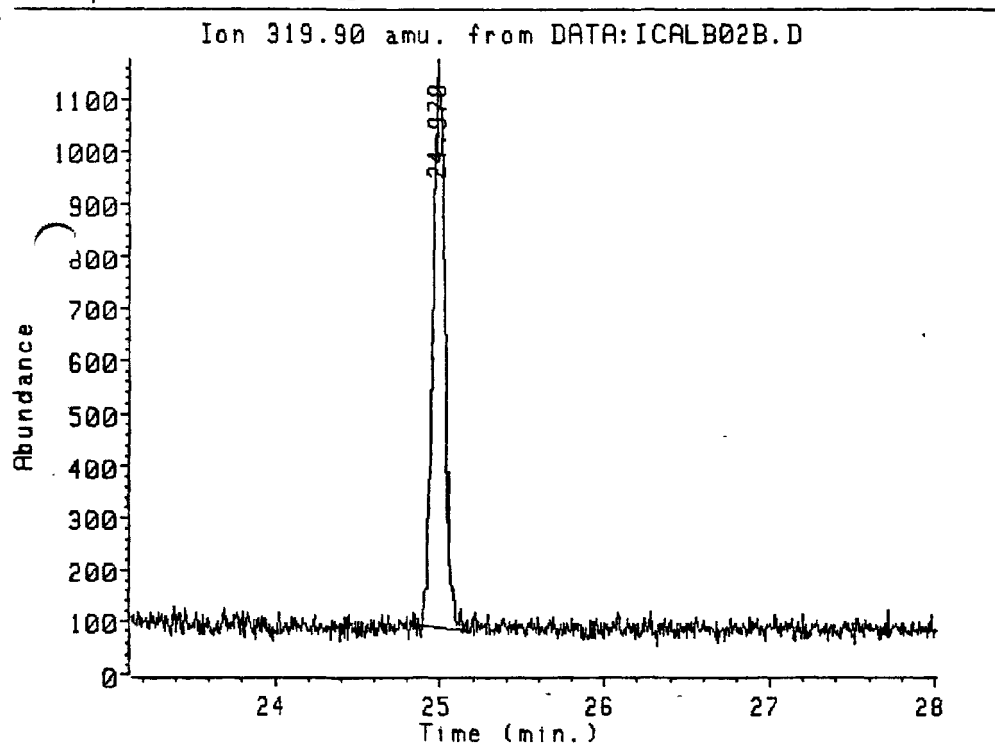
Data file: DATA:ICALB02B.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN I
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 12:11 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 2

023961



Ion 319.90 amu. from DATA:ICALB02B.D
CLP CALIBRATION SOLN I

	Ret Time	Type	Width	Area	Start Time	End Time
1	24.978	BB	0.136	55207	24.832	25.168

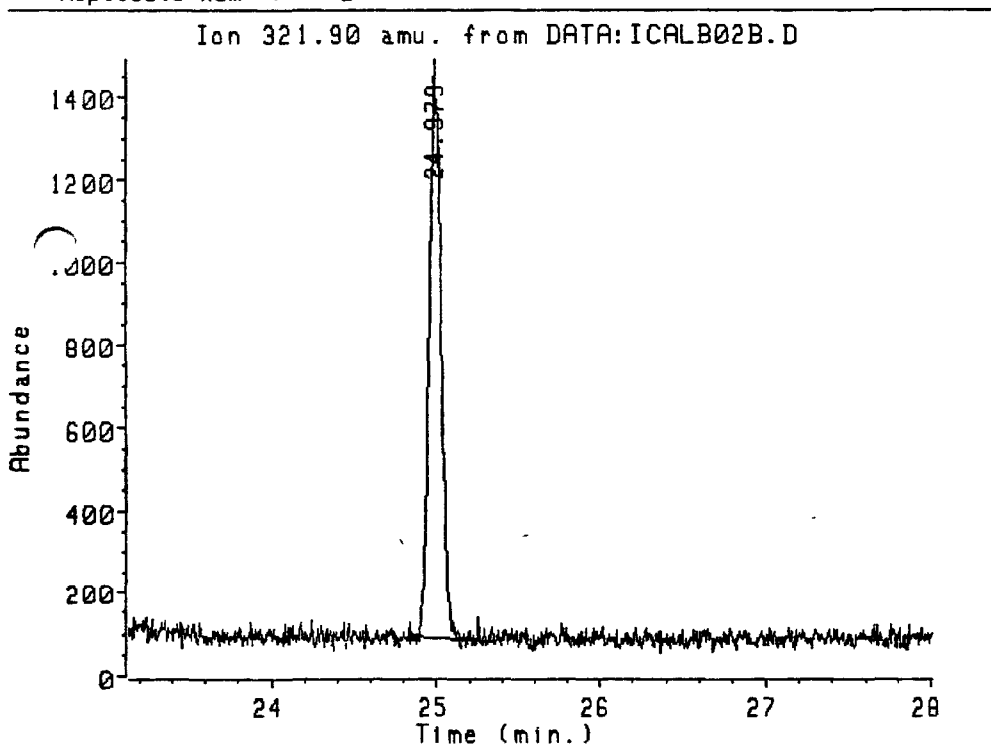
Data file: DATA:ICALB02B.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN I
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 12:11 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 2

023962



Ion 321.90 amu. from DATA:ICALB02B.D
CLP CALIBRATION SOLN I

Pe	Ret Time	Type	Width	Area	Start Time	End Time
1	24.979	BB	0.135	69533	24.832	25.339

03224173

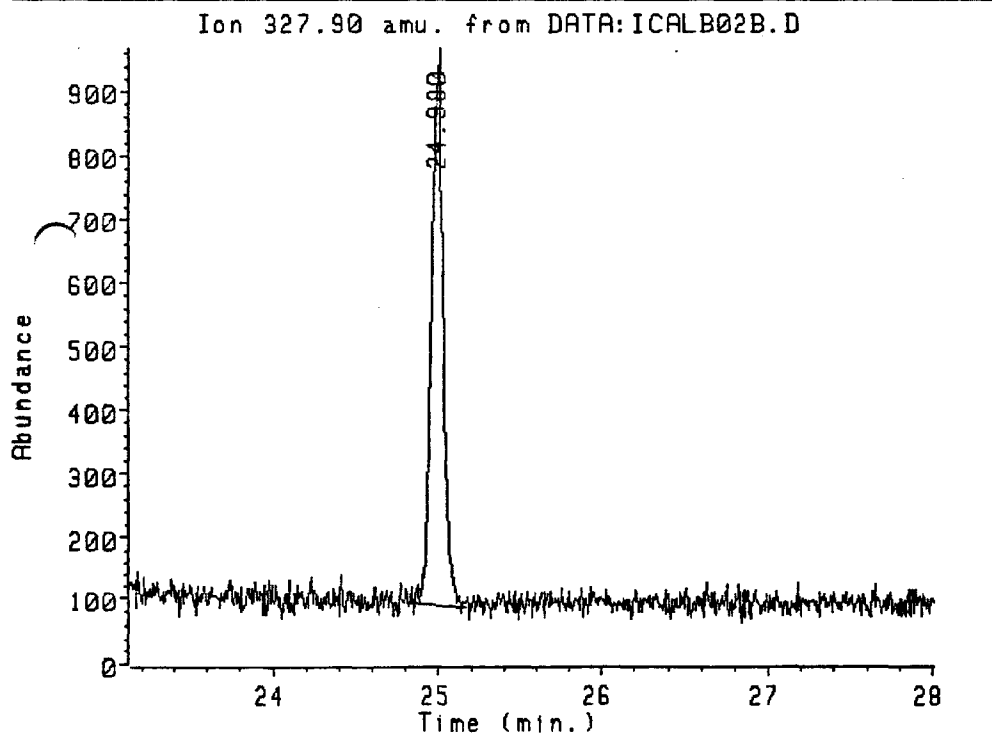
Data file: DATA:ICALB02B.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN I
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 12:11 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 2

023963



Ion 327.90 amu. from DATA:ICALB02B.D
CLP CALIBRATION SOLN I

Pe	Ret Time	Type	Width	Area	Start Time	End Time
	24.980	BB	0.142	44177	24.808	25.170

03224174

data file: DATA:ICALB02B.D
File type: GC / MS DATA FILE

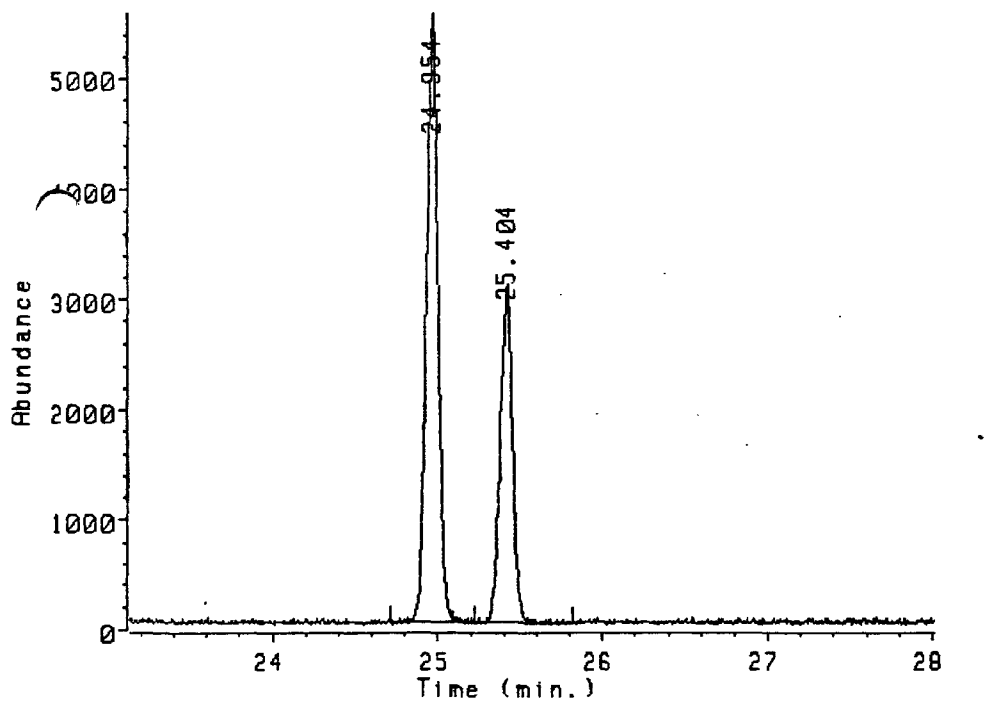
Name Info: CLP CALIBRATION SOLN I
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 12:11 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 2

023964

Ion 331.80 amu. from DATA:ICALB02B.D



Ion 331.80 amu. from DATA:ICALB02B.D
CLP CALIBRATION SOLN I

Pe	Ret Time	Type	Width	Area	Start Time	End Time
	24.954	BU	0.084	270067	24.712	25.218
2	25.404	UB	0.147	155714	25.218	25.822

Data file: DATA:ICALB02B.D
File type: GC / MS DATA FILE

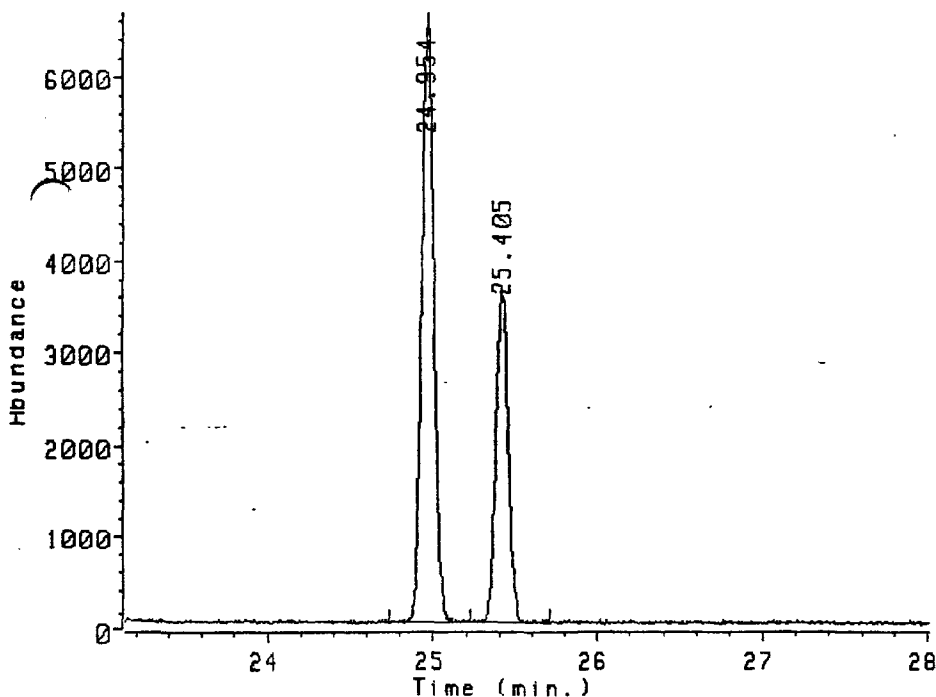
Name Info: CLP CALIBRATION SOLN I
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 12:11 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 2

023965

Ion 333.80 amu. from DATA:ICALB02B.D



on 333.80 amu. from DATA:ICALB02B.D
CLP CALIBRATION SOLN I

	Ret Time	Type	Width	Area	Start Time	End Time
1	24.954	BU	0.138	334764	24.736	25.218
2	25.405	UB	0.137	190294	25.218	25.701

03224176

Data file: DATA:ICALB02C.D
File type: GC / MS DATA FILE

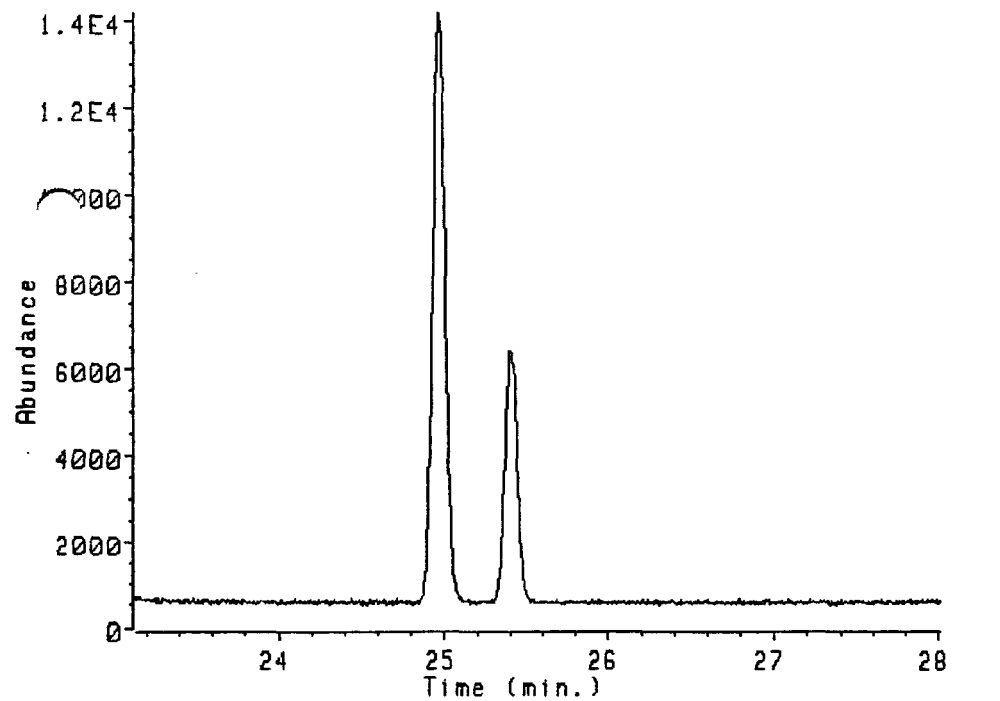
Name Info: CLP CALIBRATION SOLN I
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 12:43 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 3

023966

TIC of DATA:ICALB02C.D



Data file: DATA:ICALB02C.D
File type: GC / MS DATA FILE

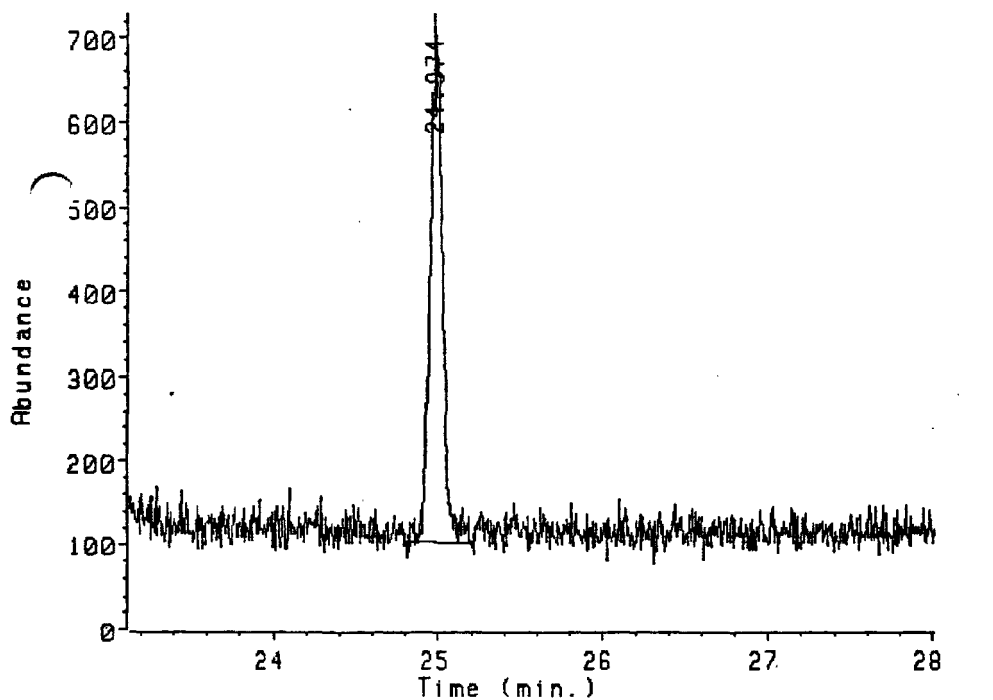
Name Info: CLP CALIBRATION SOLN I
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 12:43 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 3

023967

Ion 258.90 amu. from DATA:ICALB02C.D



Ion 258.90 amu. from DATA:ICALB02C.D
CLP CALIBRATION SOLN I

	Ret Time	Type	Width	Area	Start Time	End Time
1	24.974	BB	0.124	32393	24.784	25.194

Data file: DATA:ICALB02C.D
File type: GC / MS DATA FILE

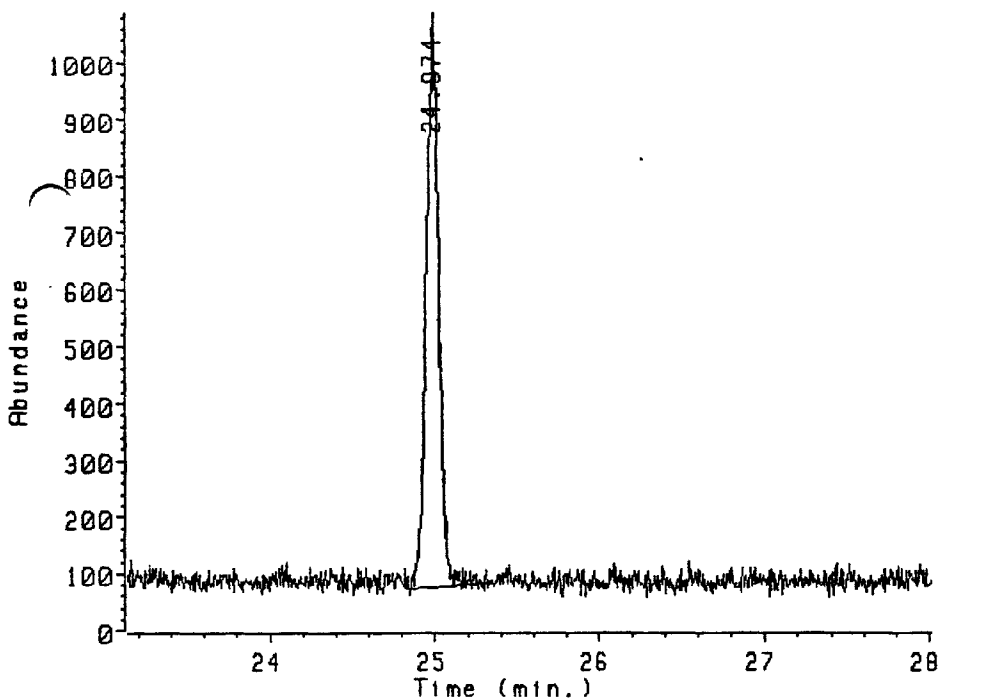
Name Info: CLP CALIBRATION SOLN I
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 12:43 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 3

023968

Ion 319.90 amu. from DATA:ICALB02C.D



Ion 319.90 amu. from DATA:ICALB02C.D
CLP CALIBRATION SOLN I

Ret Time	Type	Width	Area	Start Time	End Time
24.974	BU	0.135	52633	24.832	25.314

Data file: DATA:ICALB02C.D
File type: GC / MS DATA FILE

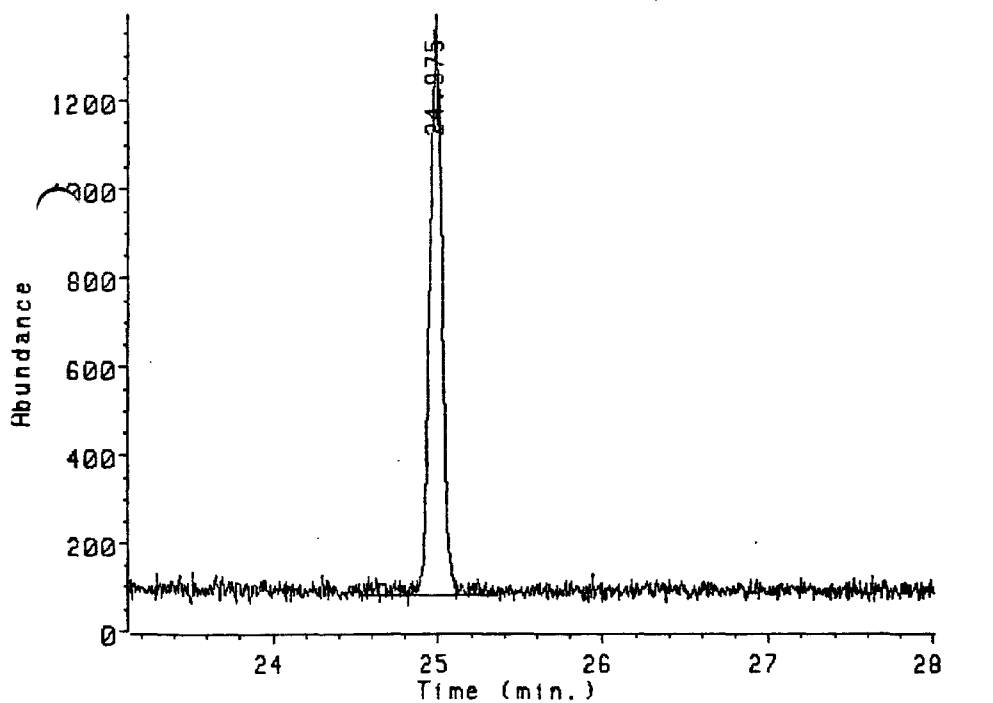
Name Info: CLP CALIBRATION SOLN I
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 12:43 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 3

023969

Ion 321.90 amu. from DATA:ICALB02C.D



Ion 321.90 amu. from DATA:ICALB02C.D
CLP CALIBRATION SOLN I

Ret Time	Type	Width	Area	Start Time	End Time
24.975	BB	0.141	70447	24.524	25.338

Data file: DATA:ICALB02C.D
File type: GC / MS DATA FILE

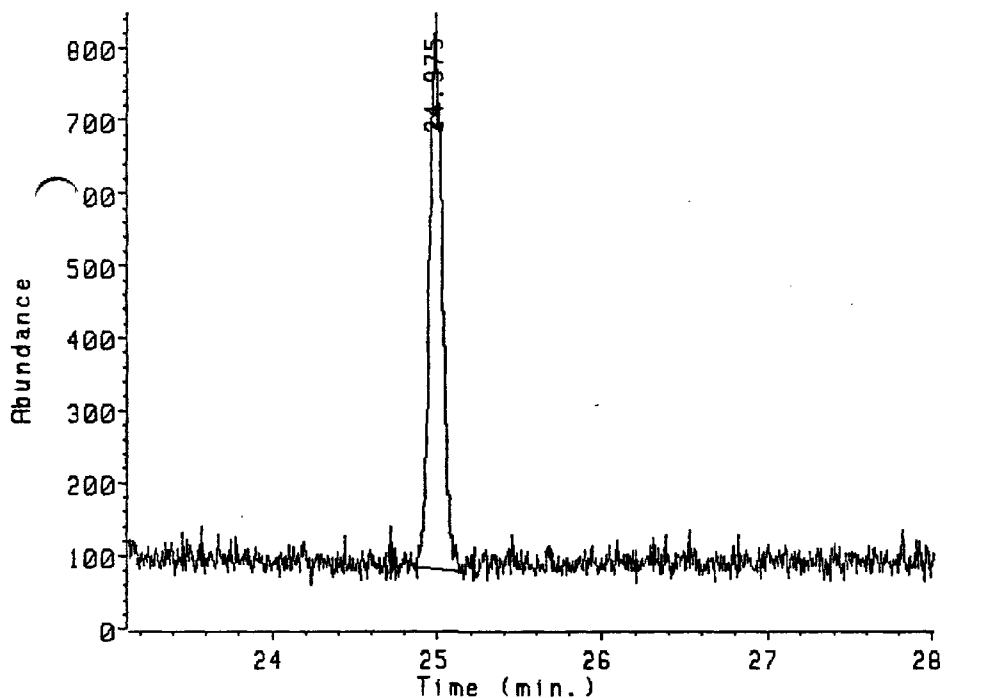
Name Info: CLP CALIBRATION SOLN I
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 12:43 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 3

023970

Ion 327.90 amu. from DATA:ICALB02C.D



Ion 327.90 amu. from DATA:ICALB02C.D
CLP CALIBRATION SOLN I

	Ret Time	Type	Width	Area	Start Time	End Time
1	24.975	BB	0.136	40204	24.832	25.150

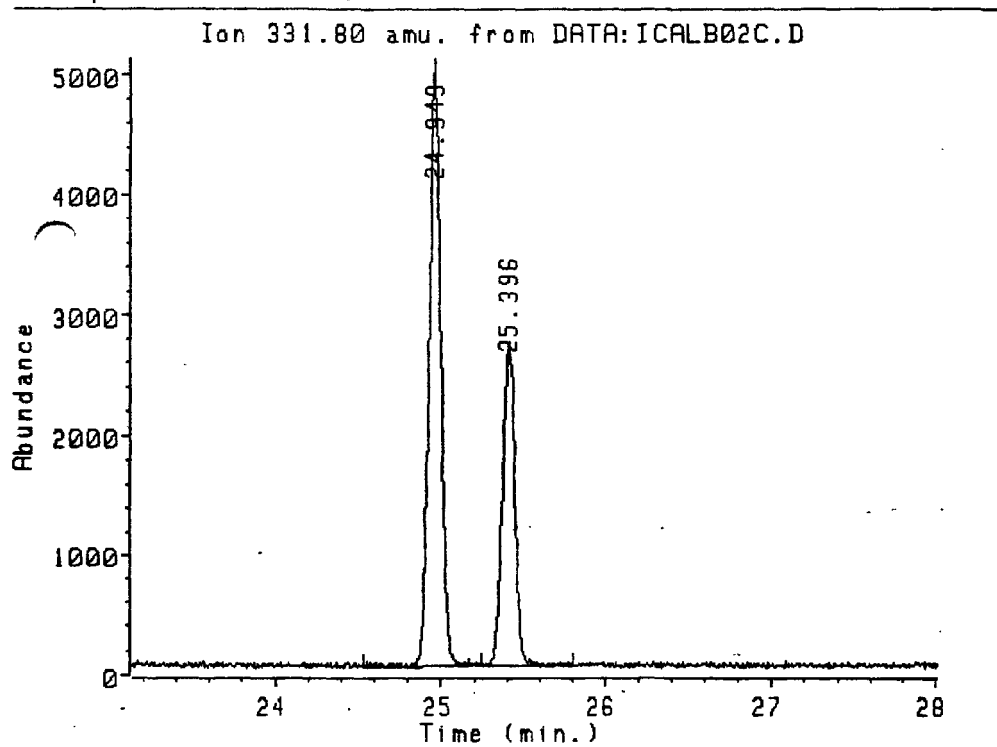
Data file: DATA:ICALB02C.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN I
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 12:43 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 3

023971



Ion 331.80 amu. from DATA:ICALB02C.D
CLP CALIBRATION SOLN I

	Ret Time	Type	Width	Area	Start Time	End Time
1	24.949	BU	0.127	245540	24.530	25.242
2	25.396	UB	0.087	140270	25.242	25.797

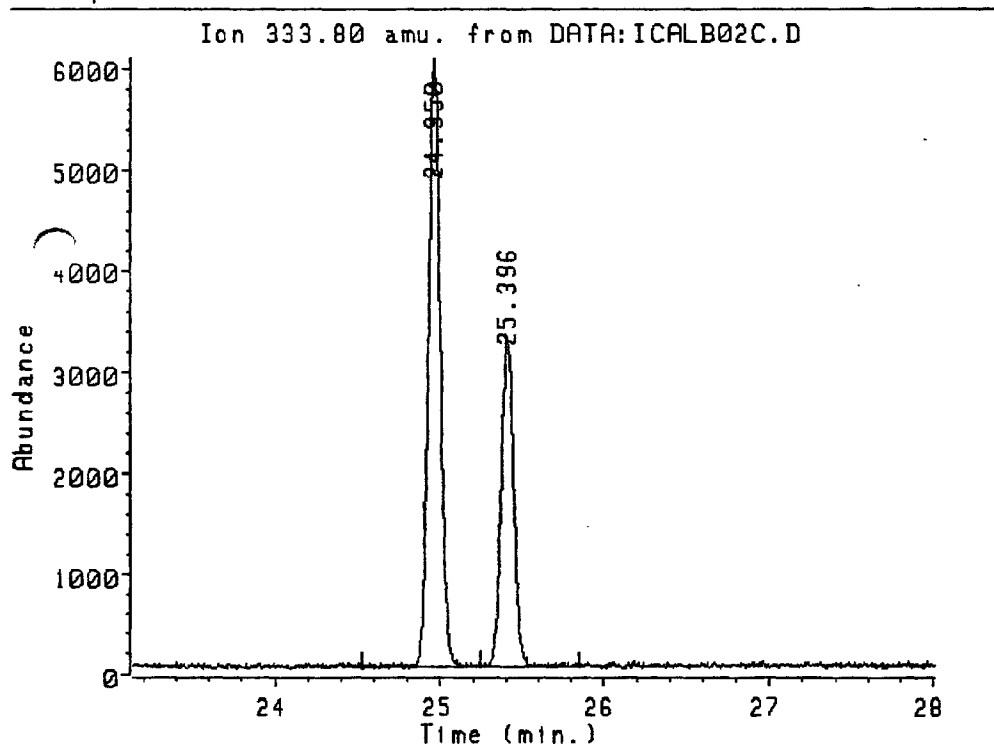
Data file: DATA:ICALB02C.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN I
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 12:43 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 3

023972



Ion 333.80 amu. from DATA:ICALB02C.D
CLP CALIBRATION SOLN I

Pe	Ret Time	Type	Width	Area	Start Time	End Time
2	24.950	BU	0.141	304190	24.524	25.242
2	25.396	UB	0.089	172777	25.242	25.845

03224183

Data file: DATA:NCALA02A.D
File type: GC / MS DATA FILE

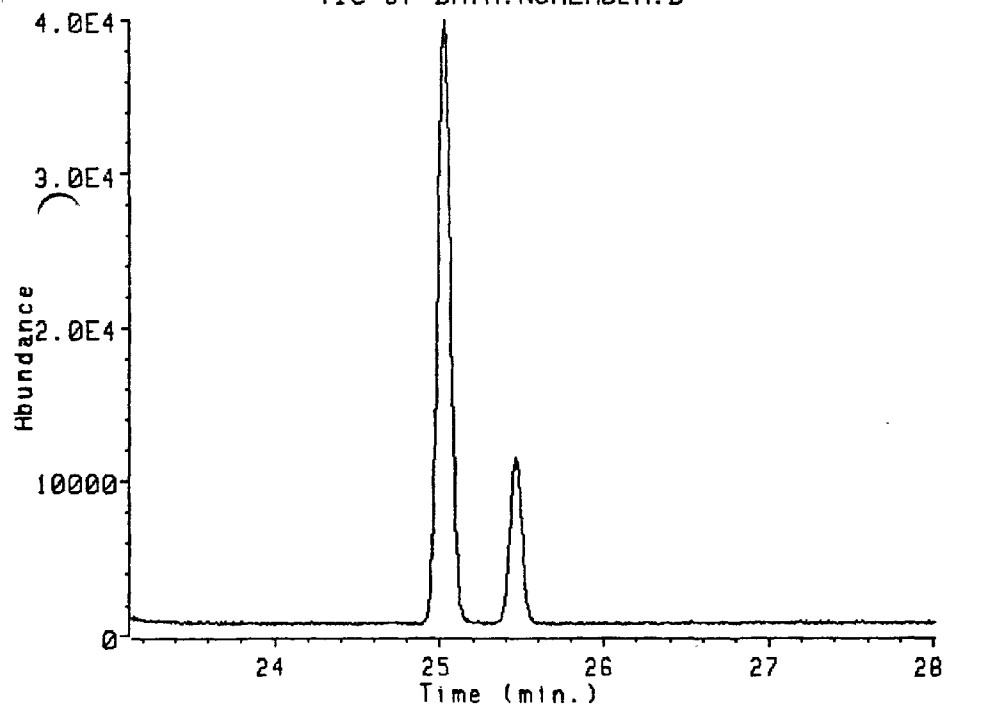
Name Info: CLP CALIBRATION SOLN II
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 1:45 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
ALS bottle num : 2
Replicate num : 1

023973

TIC of DATA:NCALA02A.D



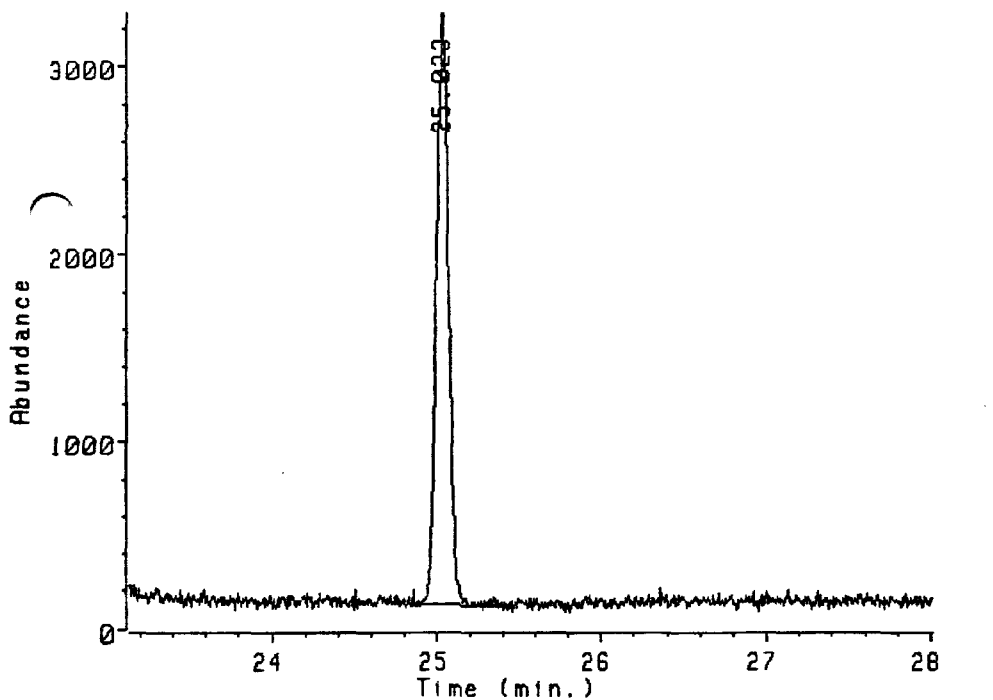
Data file: DATA:NCALA02A.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN II
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 1:45 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 1

Ion 258.90 amu. from DATA:NCALA02A.D



Ion 258.90 amu. from DATA:NCALA02A.D
CLP CALIBRATION SOLN II

Ret Time	Type	Width	Area	Start Time	End Time
25.023	BB	0.133	167049	24.856	25.436

023974

Data file: DATA:NCALA02A.D
File type: GC / MS DATA FILE

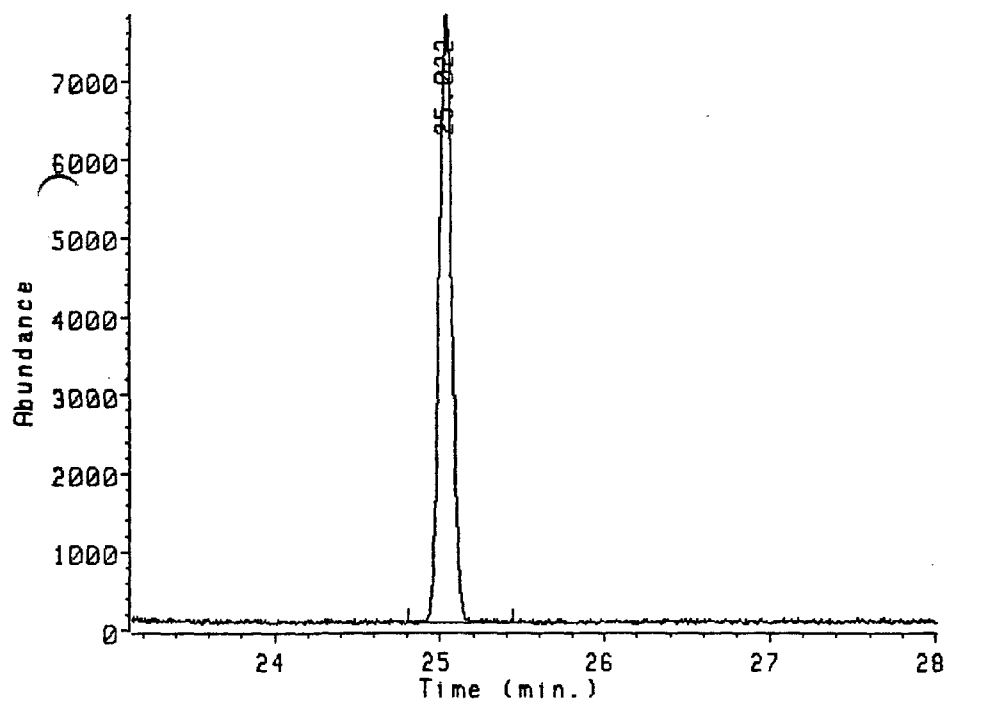
Name Info: CLP CALIBRATION SOLN II
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 1:45 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 1

023975

Ion 319.90 amu. from DATA:NCALA02A.D



Ion 319.90 amu. from DATA:NCALA02A.D
CLP CALIBRATION SOLN II

Pe	Ret Time	Type	Width	Area	Start Time	End Time
1	25.022	BB	0.142	421706	24.808	25.436

03224186

Data file: DATA:NCALA02A.D
File type: GC / MS DATA FILE

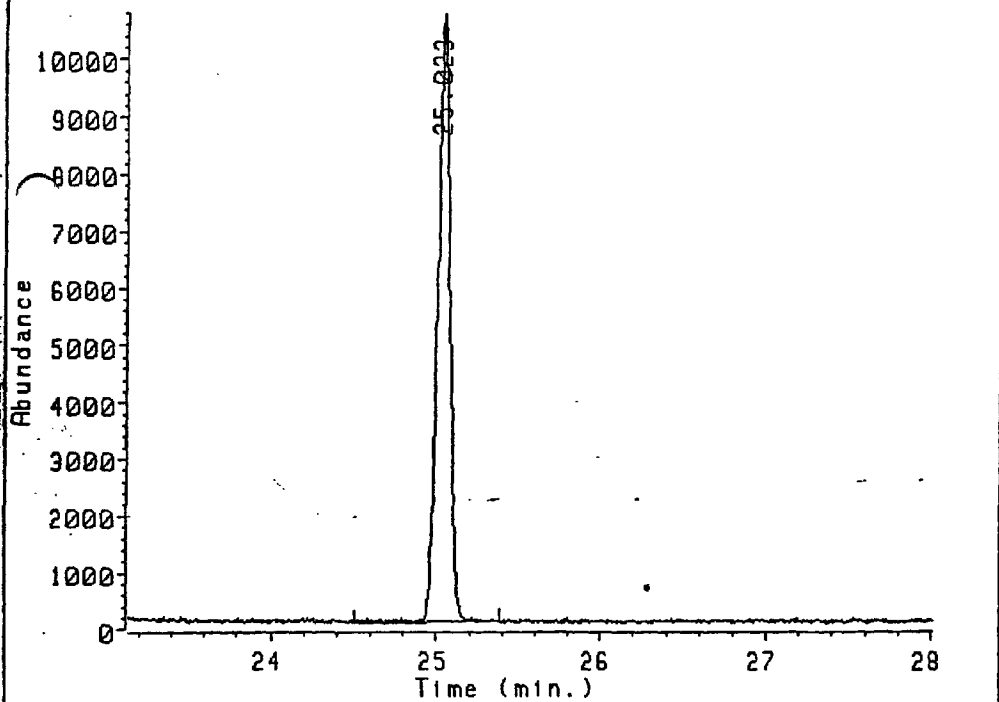
Name Info: CLP CALIBRATION SOLN II
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 1:45 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 1

023976

Ion 321.90 amu. from DATA:NCALA02A.D



Ion 321.90 amu. from DATA:NCALA02A.D
CLP CALIBRATION SOLN II

#	Ret Time	Type	Width	Area	Start Time	End Time
1	25.023	BB	0.132	555954	24.501	25.387

Data file: DATA:NCALA02A.D
File type: GC / MS DATA FILE

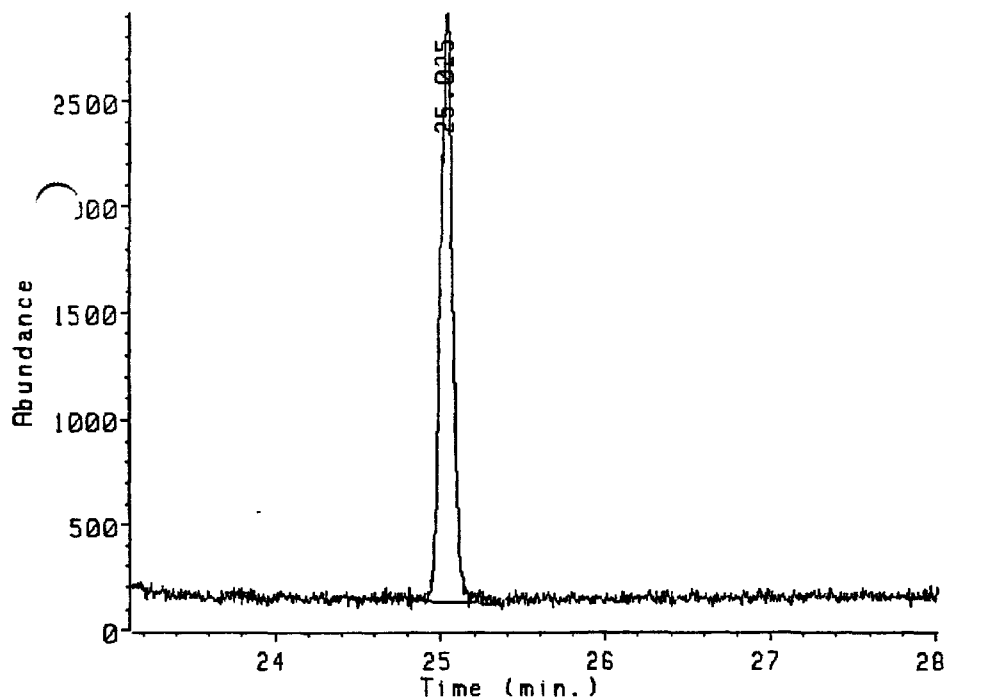
Name Info: CLP CALIBRATION SOLN II
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 1:45 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 1

023977

Ion 327.90 amu. from DATA:NCALA02A.D



Ion 327.90 amu. from DATA:NCALA02A.D
CLP CALIBRATION SOLN II

Ret Time	Type	Width	Area	Start Time	End Time
25.025	BV	0.128	147075	24.808	25.363

03224188

Data file: DATA:NCALA02A.D
File type: GC / MS DATA FILE

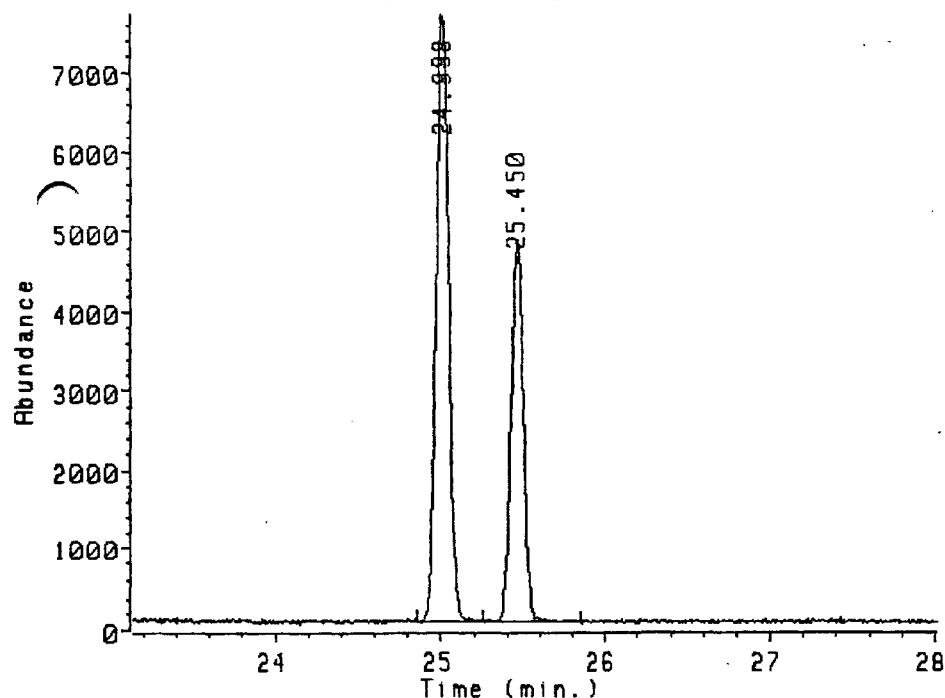
Name Info: CLP CALIBRATION SOLN II
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 1:45 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 1

023978

Ion 331.80 amu. from DATA:NCALA02A.D



Ion 331.80 amu. from DATA:NCALA02A.D
CLP CALIBRATION SOLN II

	Ret Time	Type	Width	Area	Start Time	End Time
1	24.998	BU	0.132	401101	24.856	25.247
2	25.450	PB	0.140	253790	25.247	25.846

03224189

Data file: DATA:NCALA02A.D
File type: GC / MS DATA FILE

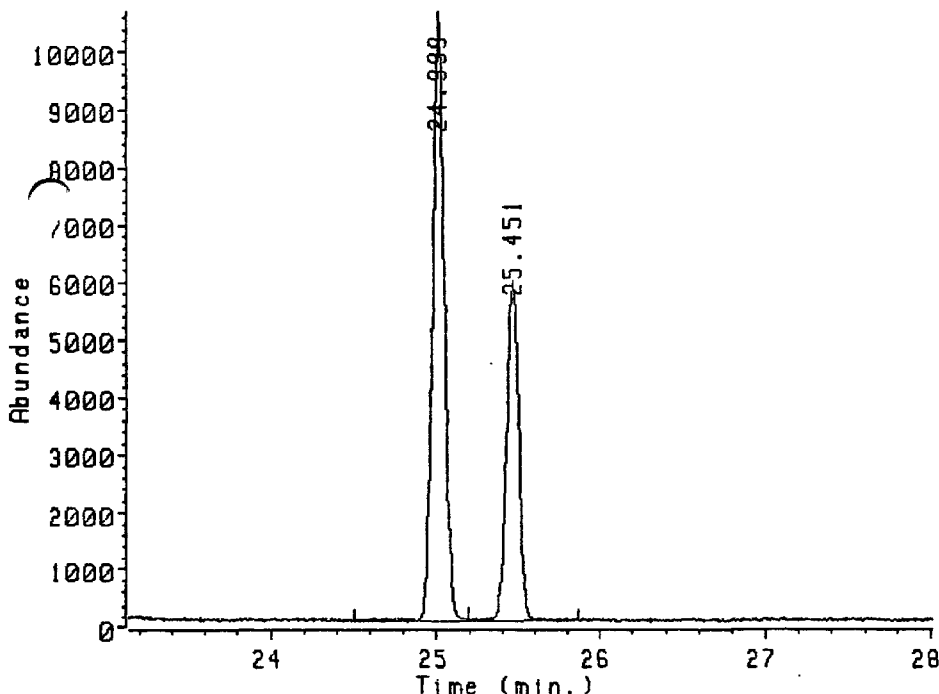
Name Info: CLP CALIBRATION SOLN II
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 1:45 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 1

023979

Ion 333.80 amu. from DATA:NCALA02A.D



Ion 333.80 amu. from DATA:NCALA02A.D
CLP CALIBRATION SOLN II

	Ret Time	Type	Width	Area	Start Time	End Time
1	24.999	BU	0.135	515970	24.501	25.194
2	25.451	VB	0.130	311433	25.194	25.870

03224190

Data file: DATA:NCALA02B.D
File type: GC / MS DATA FILE

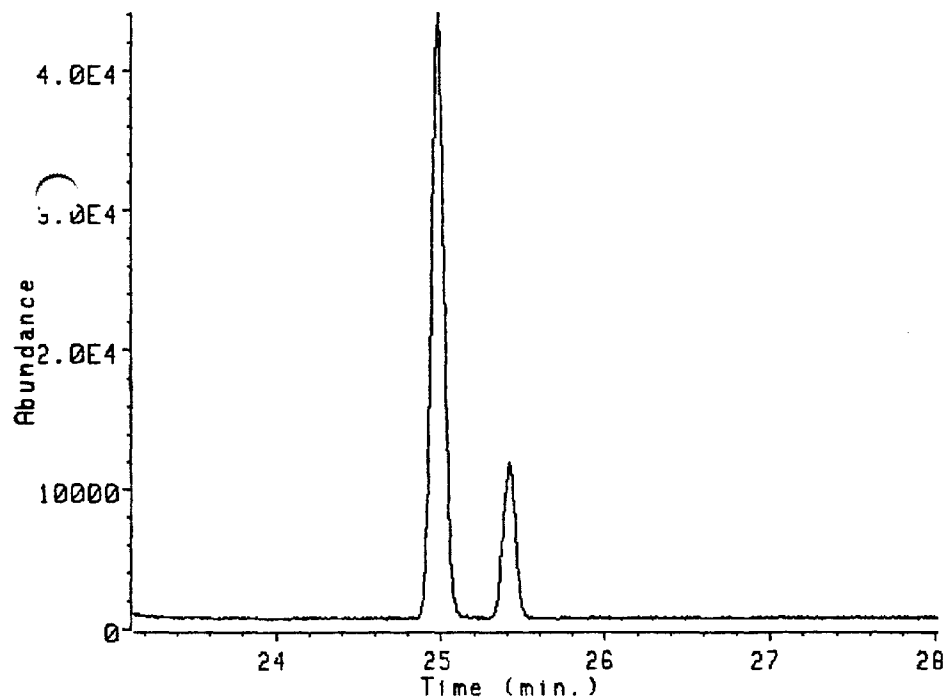
Name Info: CLP CALIBRATION SOLN II
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 2:17 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 2

023980

TIC of DATA:NCALA02B.D



Data file: DATA:NCALA02B.D
File type: GC / MS DATA FILE

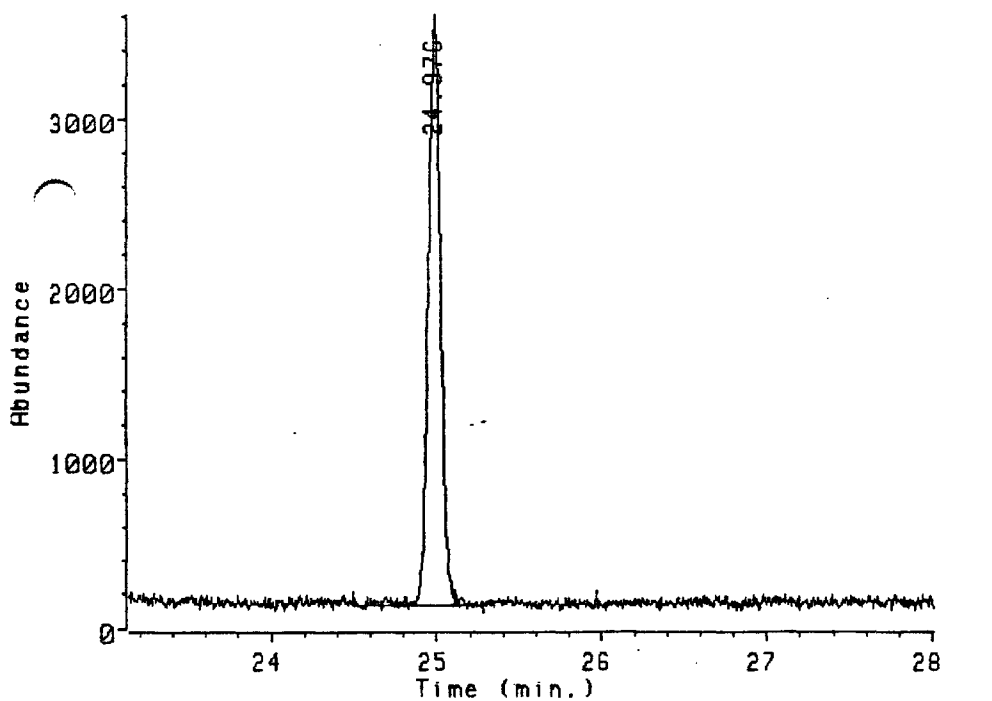
Name Info: CLP CALIBRATION SOLN II
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 2:17 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 2

023981

Ion 258.90 amu. from DATA:NCALA02B.D



Ion 258.90 amu. from DATA:NCALA02B.D
CLP CALIBRATION SOLN II

	Ret Time	Type	Width	Area	Start Time	End Time
1	24.976	BB	0.123	178879	24.497	25.266

Data file: DATA:NCALA02B.D
File type: GC / MS DATA FILE

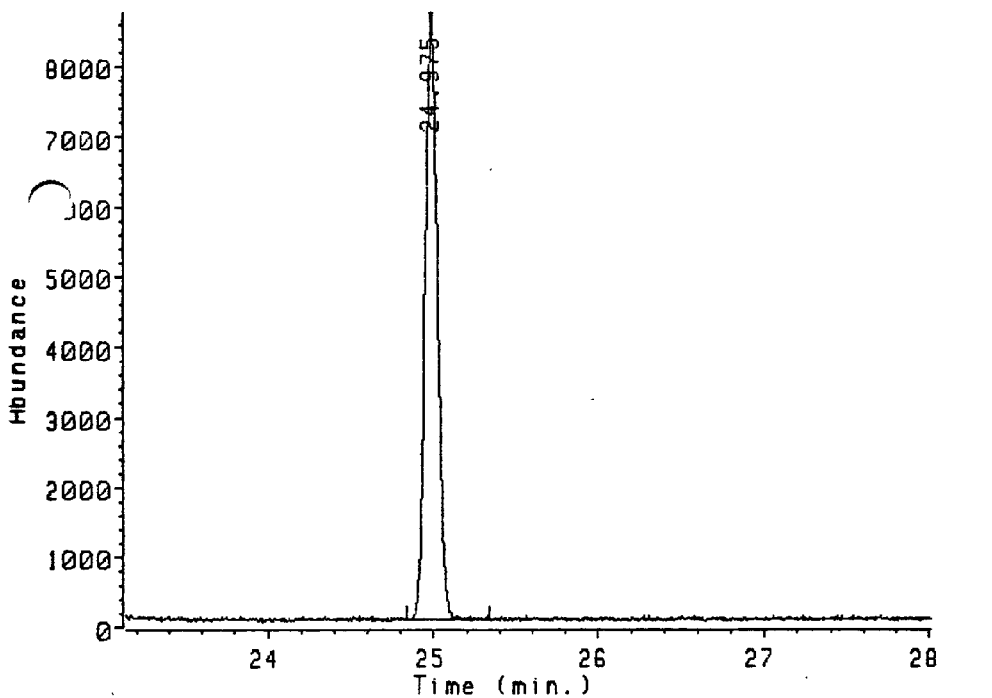
Name Info: CLP CALIBRATION SOLN II
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 2:17 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 2

023982

Ion 319.90 amu. from DATA:NCALA02B.D



on 319.90 amu. from DATA:NCALA02B.D
CLP CALIBRATION SOLN II

Ret Time	Type	Width	Area	Start Time	End Time
24.975	BB	0.150	446509	24.832	25.339

Data file: DATA:NCALA02B.D
File type: GC / MS DATA FILE

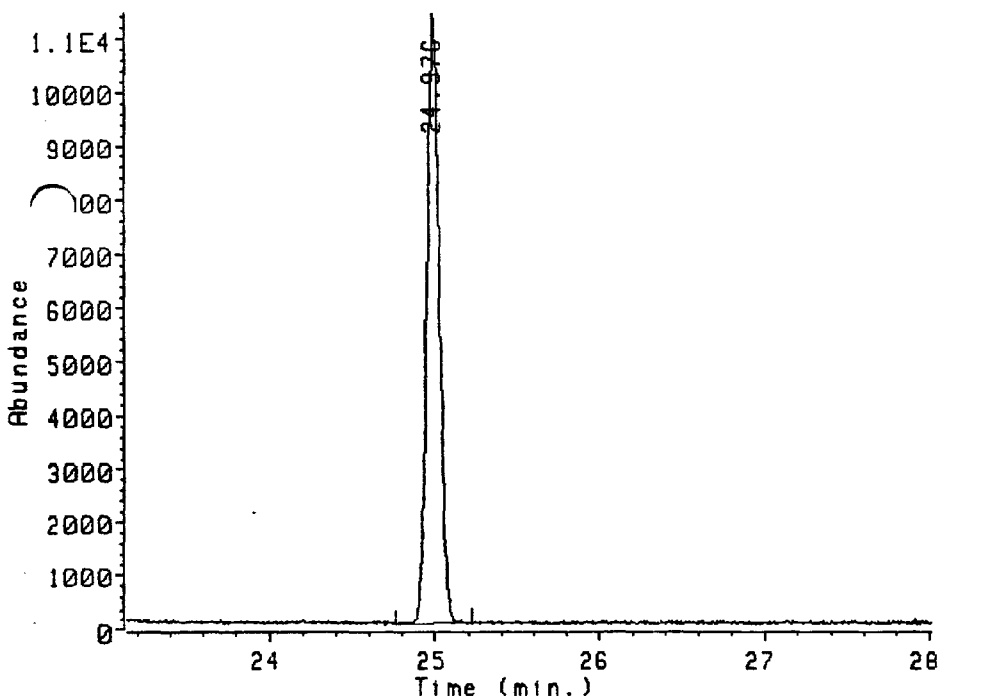
Name Info: CLP CALIBRATION SOLN II
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 2:17 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 2

023983

Ion 321.90 amu. from DATA:NCALA02B.D



Ion 321.90 amu. from DATA:NCALA02B.D
CLP CALIBRATION SOLN II

Ret Time	Type	Width	Area	Start Time	End Time
24.976	BB	0.150	583866	24.760	25.218

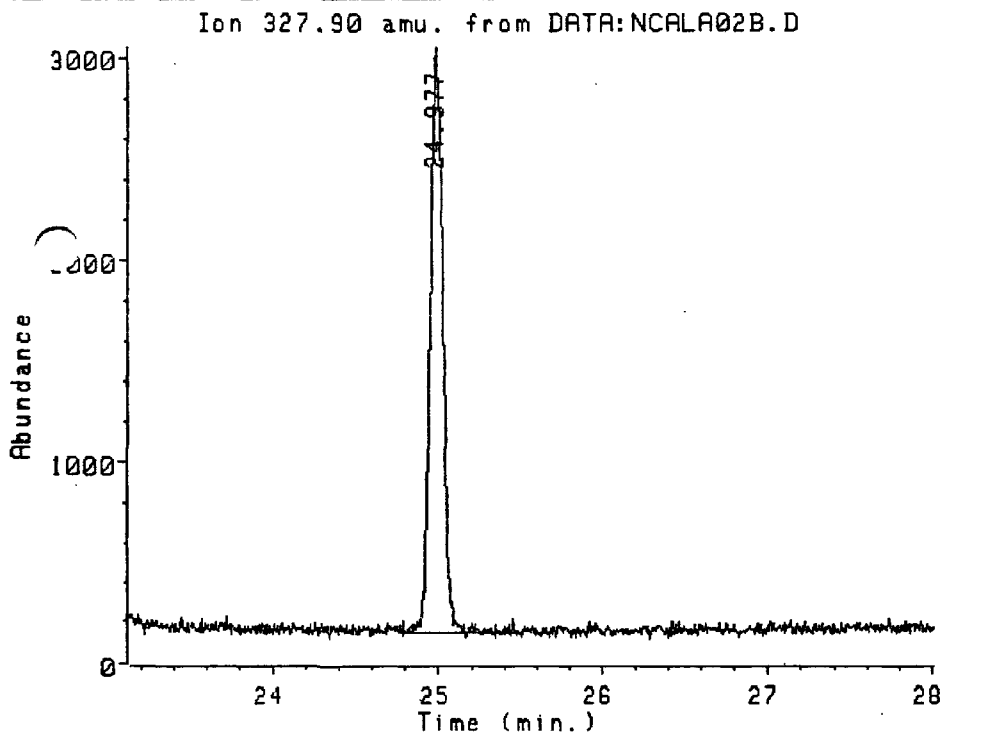
Data file: DATA:NCALA02B.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN II
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 2:17 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
ALS bottle num : 2
Replicate num : 2

023984



Ion 327.90 amu. from DATA:NCALA02B.D
CLP CALIBRATION SOLN II

Pe	Ret Time	Type	Width	Area	Start Time	End Time
	24.977	BB	0.138	154612	24.784	25.483

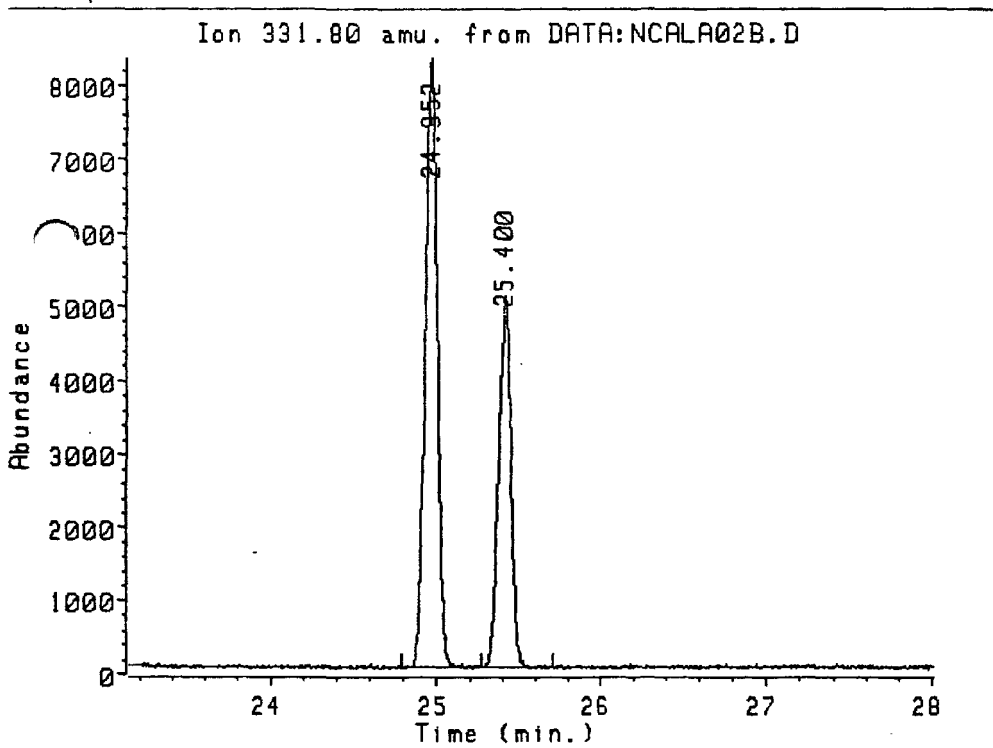
Data file: DATA:NCALA02B.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN II
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 2:17 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 2

023985



Ion 331.80 amu. from DATA:NCALA02B.D
CLP CALIBRATION SOLN II

	Ret Time	Type	Width	Area	Start Time	End Time
1	24.952	BU	0.141	415810	24.784	25.266
2	25.400	UB	0.132	258862	25.266	25.700

03224196

Data file: DATA:NCALA02B.D
File type: GC / MS DATA FILE

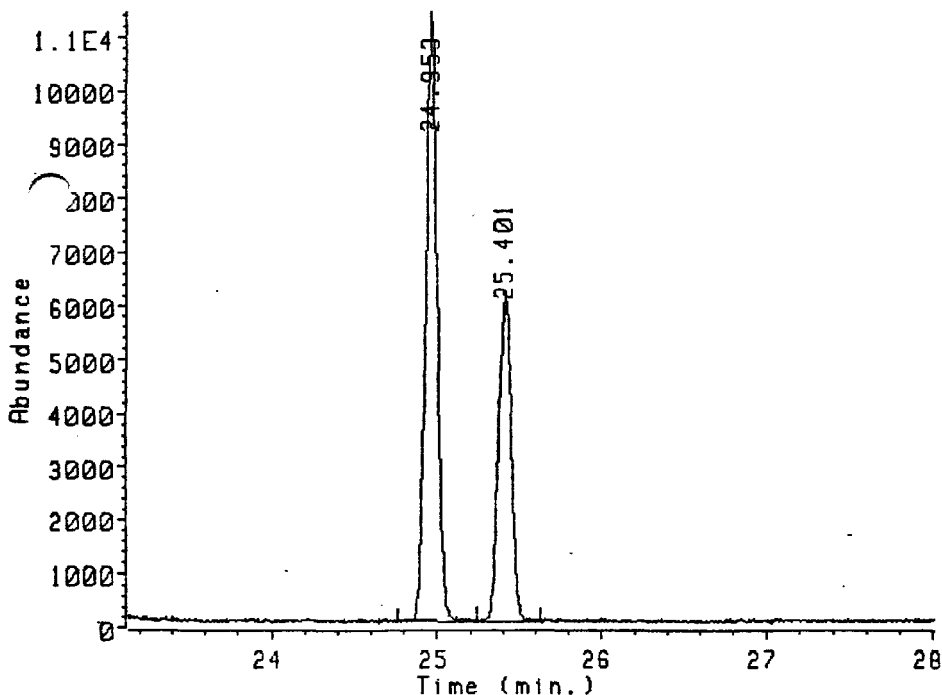
Name Info: CLP CALIBRATION SOLN II
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 2:17 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 2

023986

Ion 333.80 amu. from DATA:NCALA02B.D



Ion 333.80 amu. from DATA:NCALA02B.D
CLP CALIBRATION SOLN II

	Ret Time	Type	Width	Area	Start Time	End Time
1	24.953	BU	0.128	542426	24.760	25.242
2	25.401	UB	0.136	322356	25.242	25.628

Data file: DATA:NCALA02C.D
File type: GC / MS DATA FILE

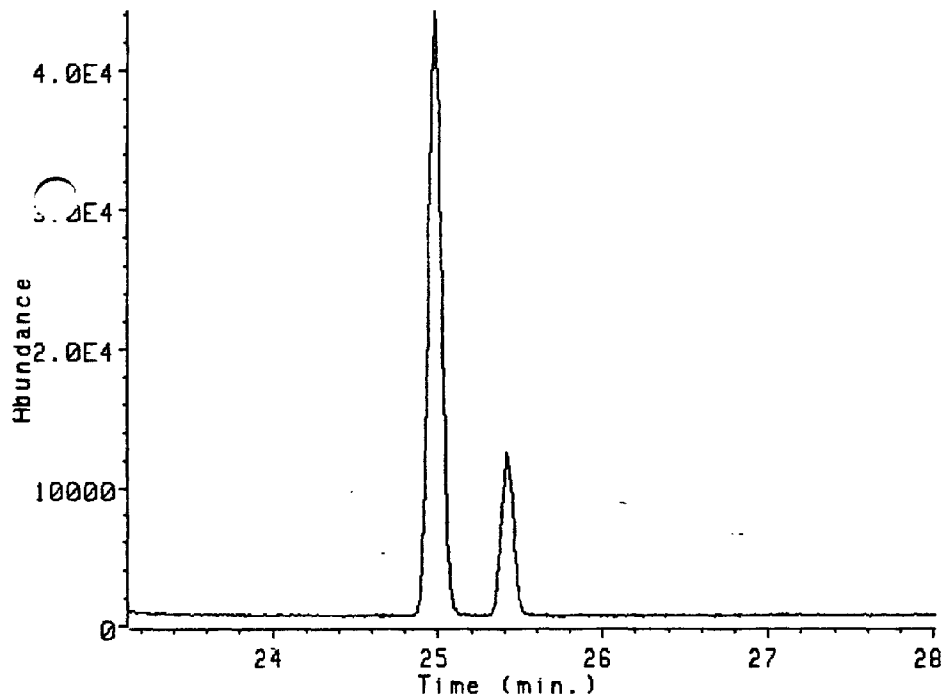
Name Info: CLP CALIBRATION SOLN II
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 2:50 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 3

023987

TIC of DATA:NCALA02C.D



Data file: DATA:NCALA02C.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN II

Misc Info:

Operator : MS OPERATOR

Date : 10 Dec 87 2:50 pm

Instrument: MS_5970

Inlet : GC

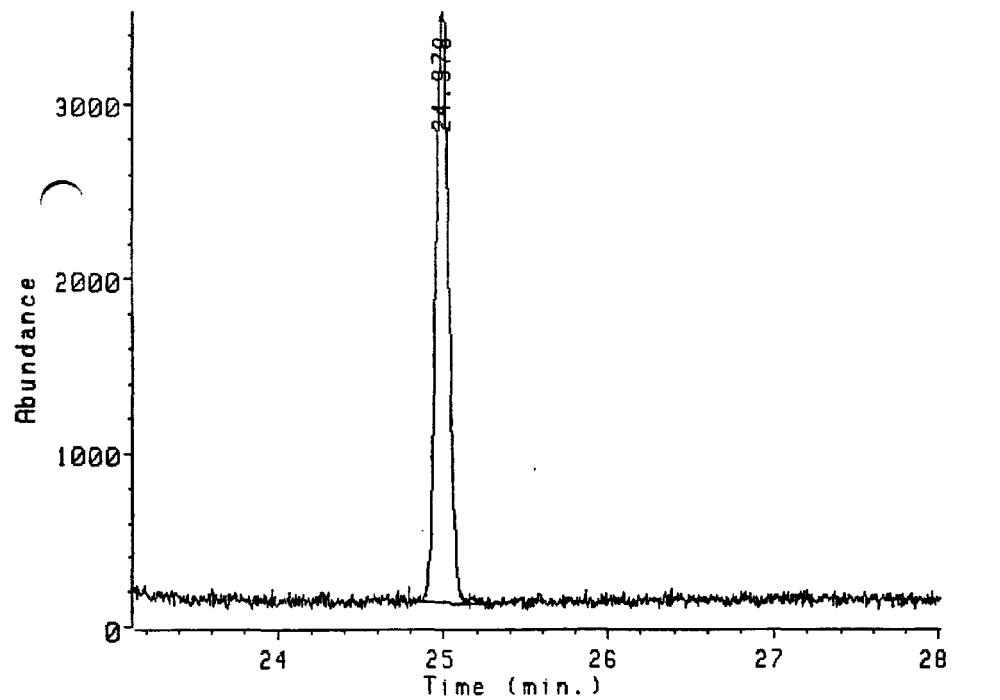
Sequence index : 1

Als bottle num : 2

Replicate num : 3

023988

Ion 258.90 amu. from DATA:NCALA02C.D



Ion 258.90 amu. from DATA:NCALA02C.D
CLP CALIBRATION SOLN II

Pe	Ret Time	Type	Width	Area	Start Time	End Time
1	24.978	BB	0.130	184844	24.784	25.290

03224199

Data file: DATA:NCALA02C.D
File type: GC / MS DATA FILE

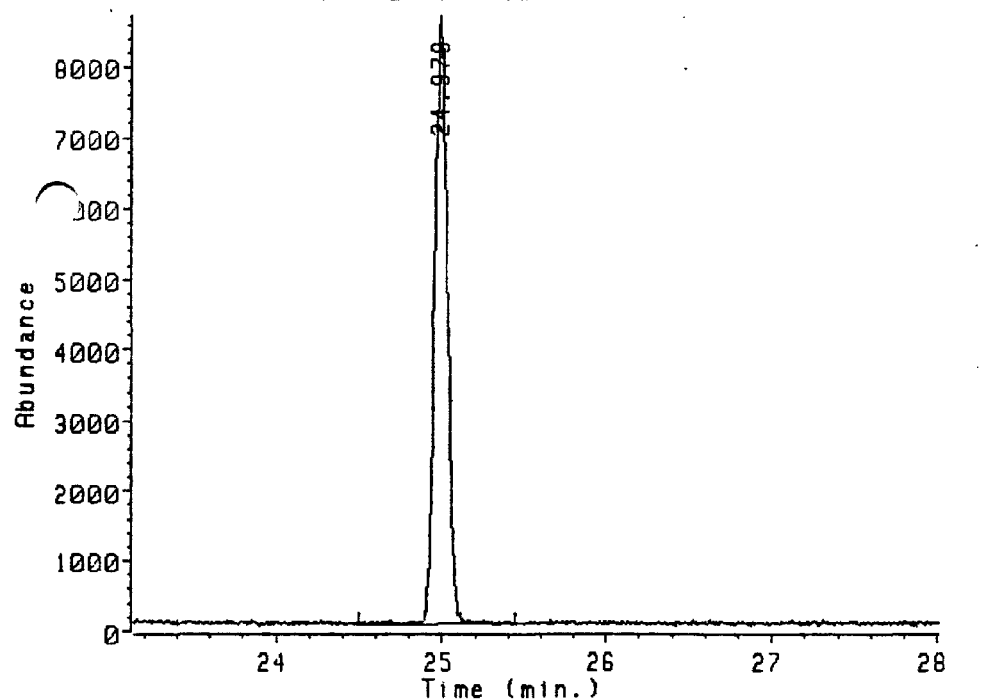
Name Info: CLP CALIBRATION SOLN II
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 2:50 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 3

023989

Ion 319.90 amu. from DATA:NCALA02C.D



Ion 319.90 amu. from DATA:NCALA02C.D
CLP CALIBRATION SOLN II

	Ret Time	Type	Width	Area	Start Time	End Time
1	24.979	BB	0.149	465248	24.497	25.435

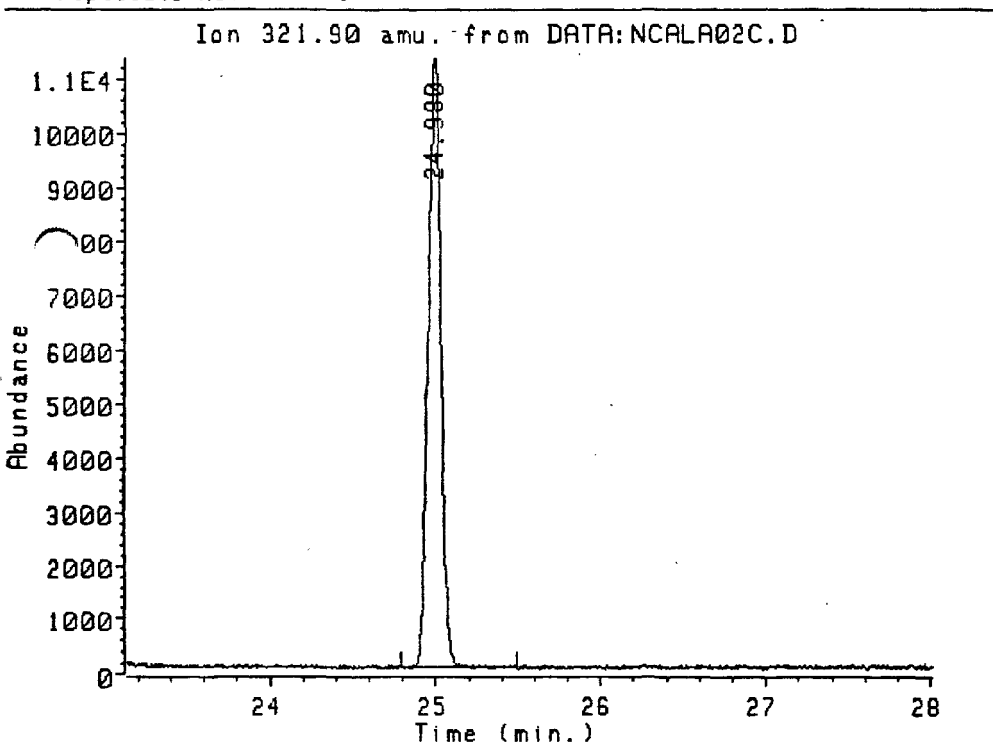
03224200

data file: DATA:NCALA02C.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN II
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 2:50 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 3



Ion 321.90 amu. from DATA:NCALA02C.D
CLP CALIBRATION SOLN II

Pe	Ret Time	Type	Width	Area	Start Time	End Time
1	24.980	BB	0.149	597732	24.784	25.483

023990

Data file: DATA:NCALA02C.D
File type: GC / MS DATA FILE

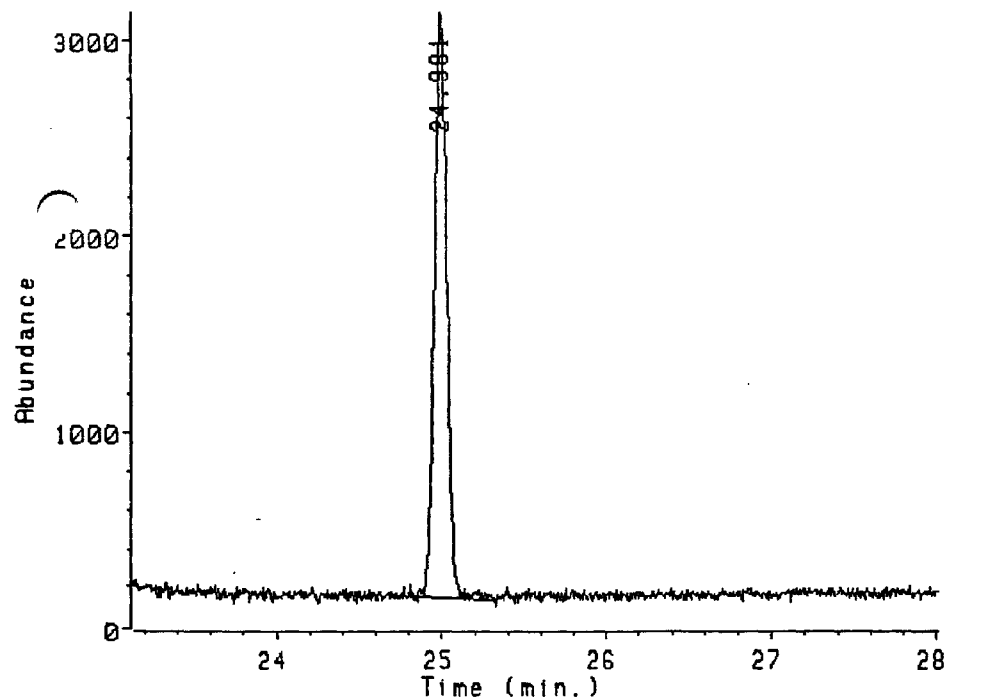
Name Info: CLP CALIBRATION SOLN II
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 2:50 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 3

023991

Ion 327.90 amu. from DATA:NCALA02C.D



Ion 327.90 amu. from DATA:NCALA02C.D
CLP CALIBRATION SOLN II

Pe	Ret Time	Type	Width	Area	Start Time	End Time
	24.981	BU	0.135	158244	24.808	25.314

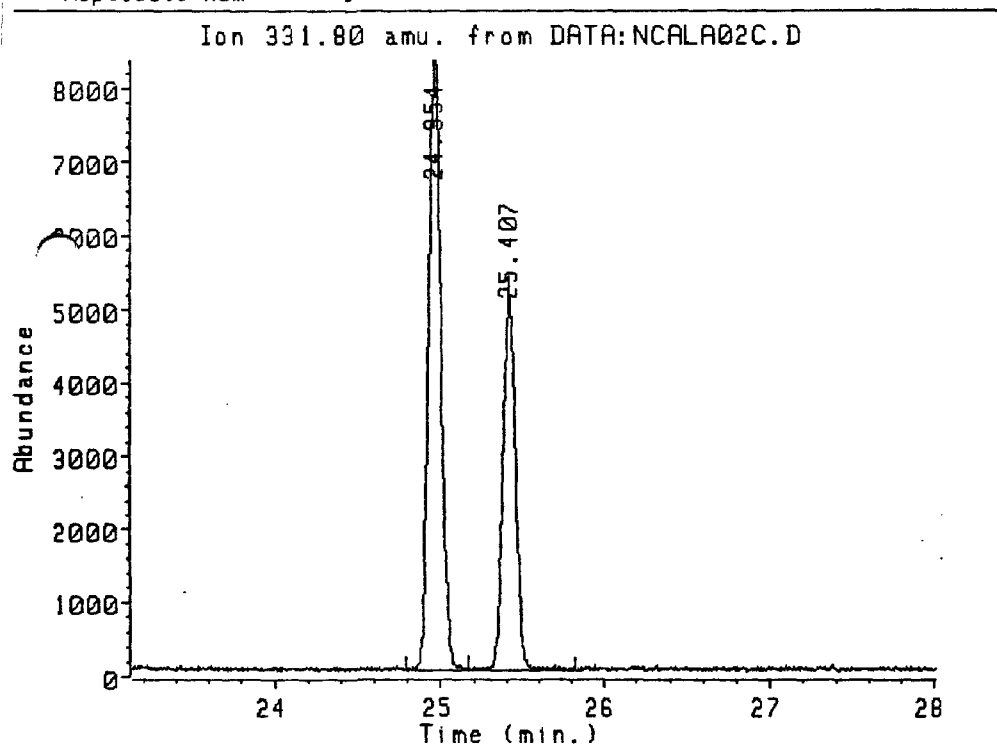
Data file: DATA:NCALA02C.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN II
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 2:50 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 3

023992



Ion 331.80 amu. from DATA:NCALA02C.D
CLP CALIBRATION SOLN II

Pe	Ret Time	Type	Width	Area	Start Time	End Time
-	24.954	BU	0.144	436747	24.784	25.170
2	25.407	UB	0.152	270270	25.170	25.821

03274203

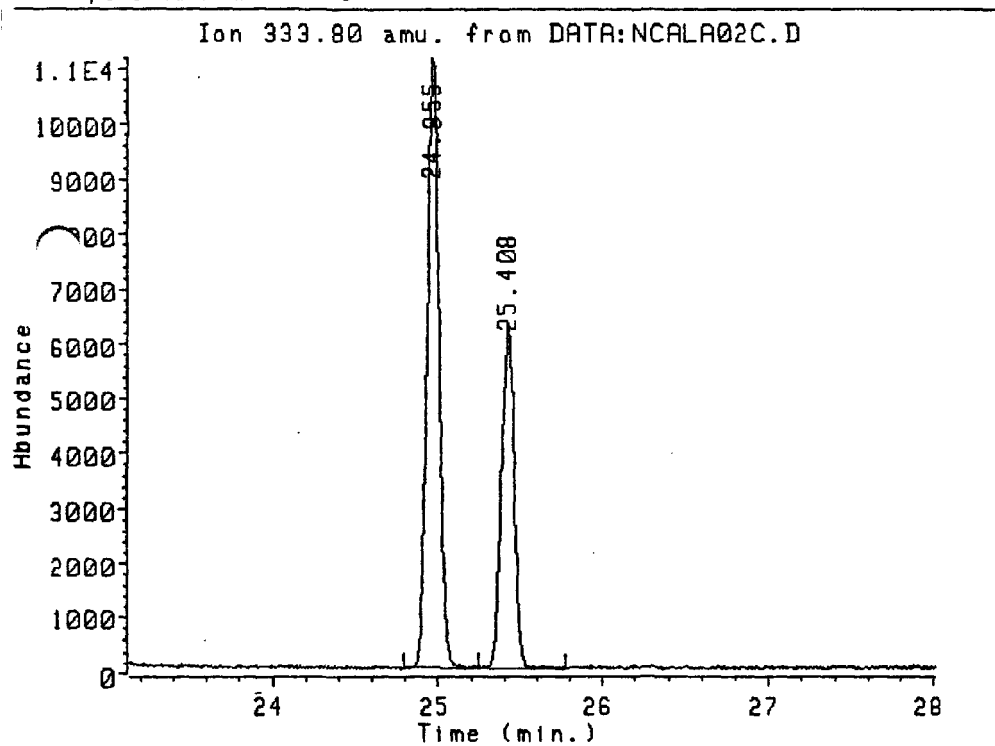
Data file: DATA:NCALA02C.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN II
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 2:50 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 3

023993



Ion 333.80 amu. from DATA:NCALA02C.D
CLP CALIBRATION SOLN II

	Ret Time	Type	Width	Area	Start Time	End Time
1	24.955	BU	0.145	557568	24.784	25.242
2	25.408	UB	0.137	328103	25.242	25.773

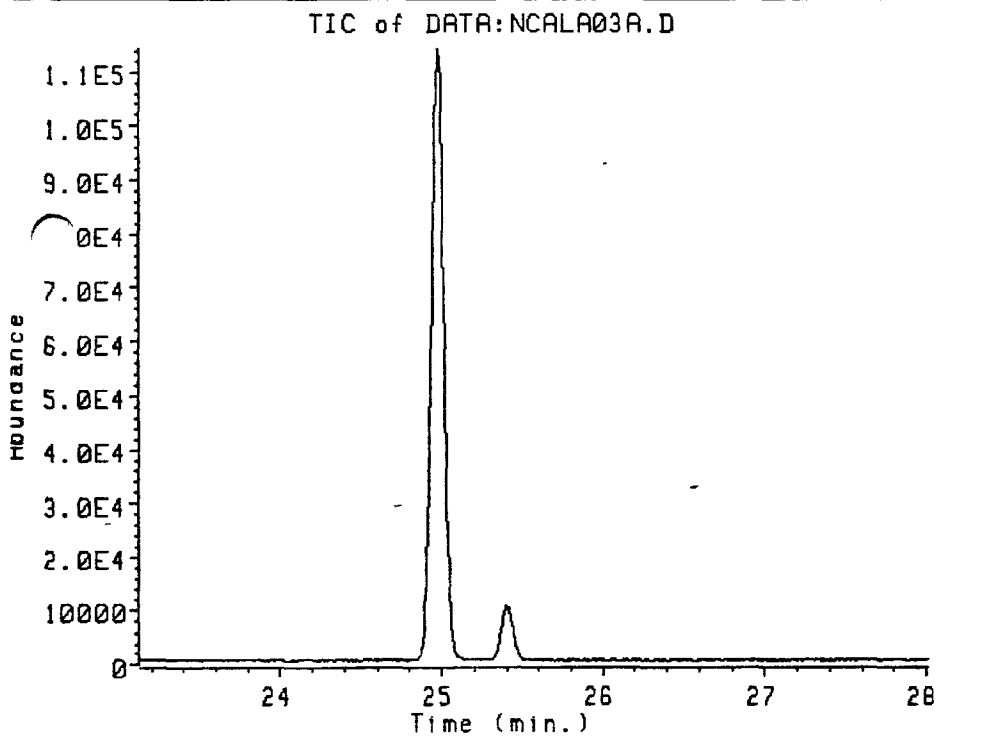
Data file: DATA:NCALA03A.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN III
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 3:22 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 3
Replicate num : 1

023994



Data file: DATA:NCALA03A.D
File type: GC / MS DATA FILE

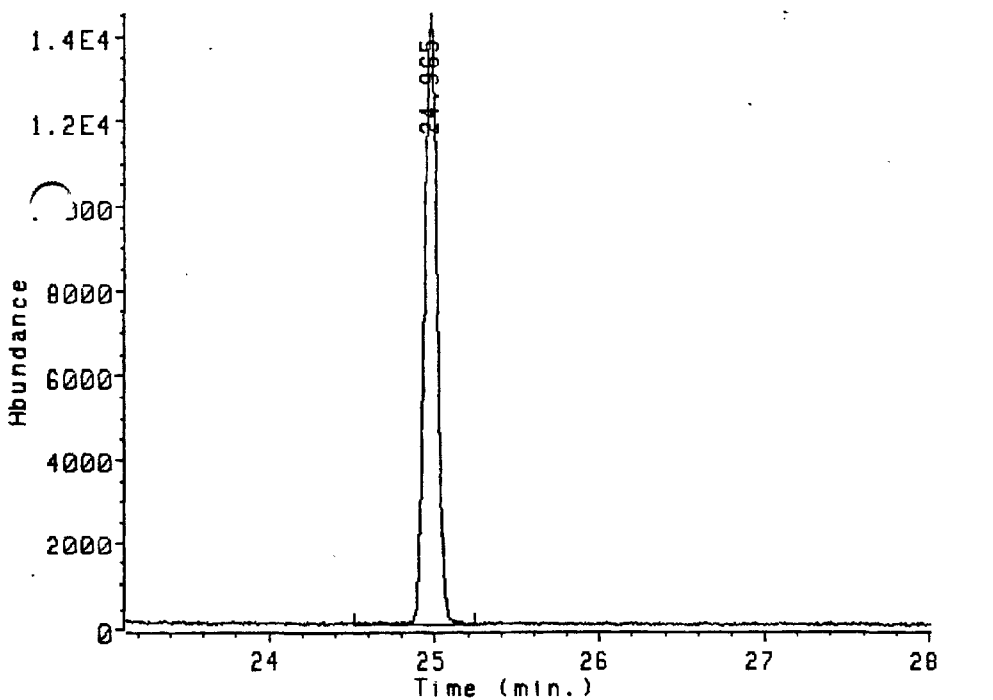
Name Info: CLP CALIBRATION SOLN III
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 3:22 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 3
Replicate num : 1

023995

Ion 258.90 amu. from DATA:NCALA03A.D



Ion 258.90 amu. from DATA:NCALA03A.D
CLP CALIBRATION SOLN III

Pe	Ret Time	Type	Width	Area	Start Time	End Time
1	24.965	BU	0.090	761126	24.519	25.242

03274206

Data file: DATA:NCALA03A.D
File type: GC / MS DATA FILE

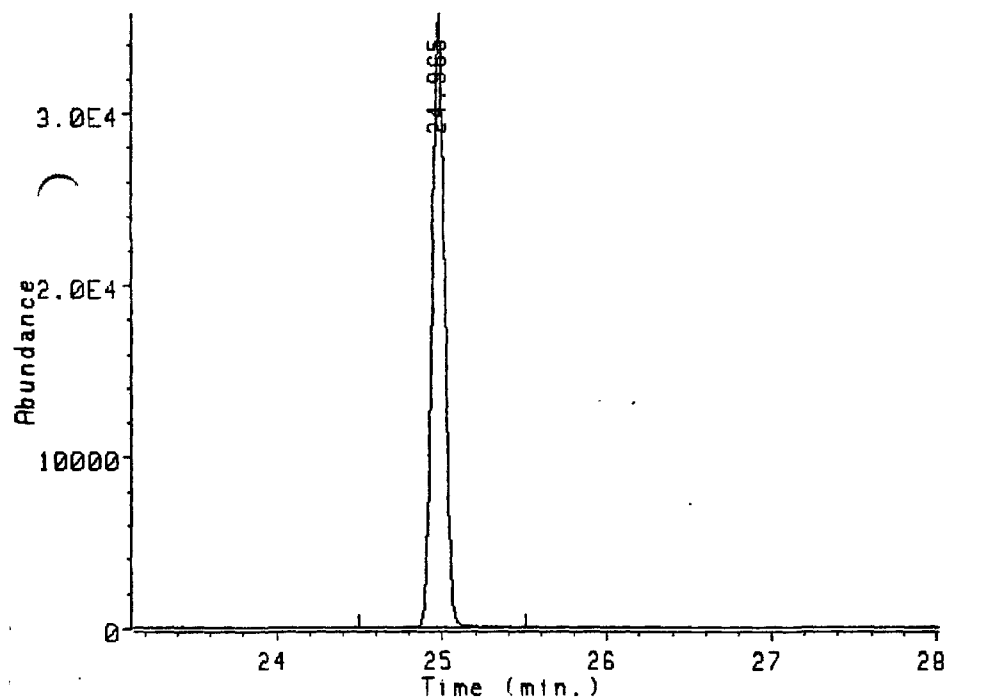
Name Info: CLP CALIBRATION SOLN III
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 3:22 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 3
Replicate num : 1

023996

Ion 319.90 amu. from DATA:NCALA03A.D



Ion 319.90 amu. from DATA:NCALA03A.D
CLP CALIBRATION SOLN III

Pe	Ret Time	Type	Width	Area	Start Time	End Time
1	24.965	BB	0.090	1874520	24.497	25.508

03274207

Data file: DATA:NCALA03A.D
File type: GC / MS DATA FILE

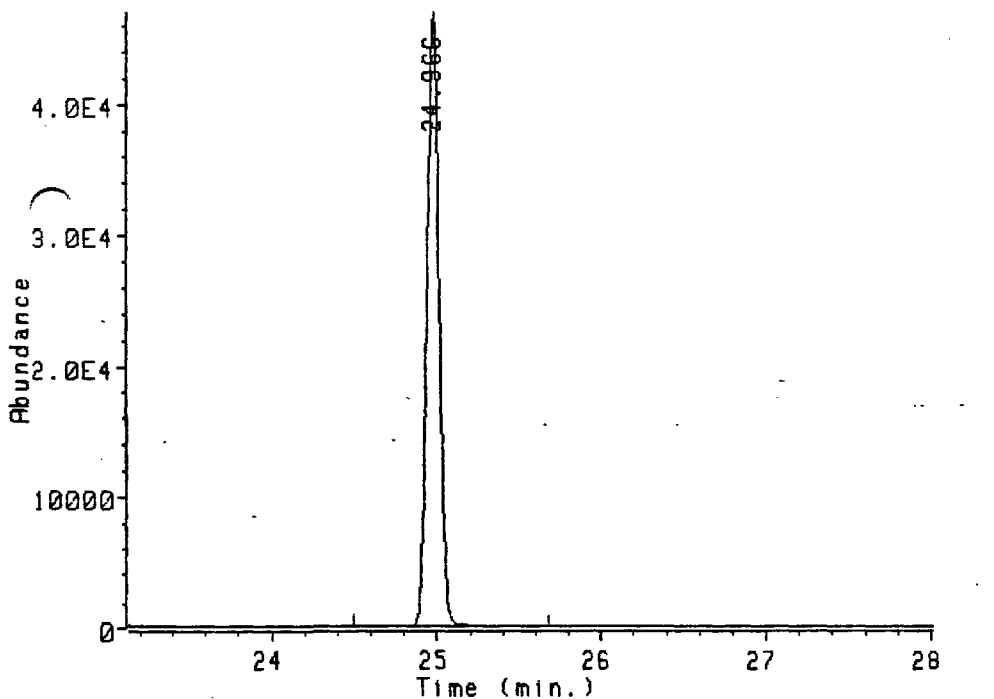
Name Info: CLP CALIBRATION SOLN III
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 3:22 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 3
Replicate num : 1

023997

Ion 321.90 amu. from DATA:NCALA03A.D



Ion 321.90 amu. from DATA:NCALA03A.D
CLP CALIBRATION SOLN III

Pe	Ret Time	Type	Width	Area	Start Time	End Time
	24.966	BB	0.154	2435132	24.497	25.677

Data file: DATA:NCALA03A.D
File type: GC / MS DATA FILE

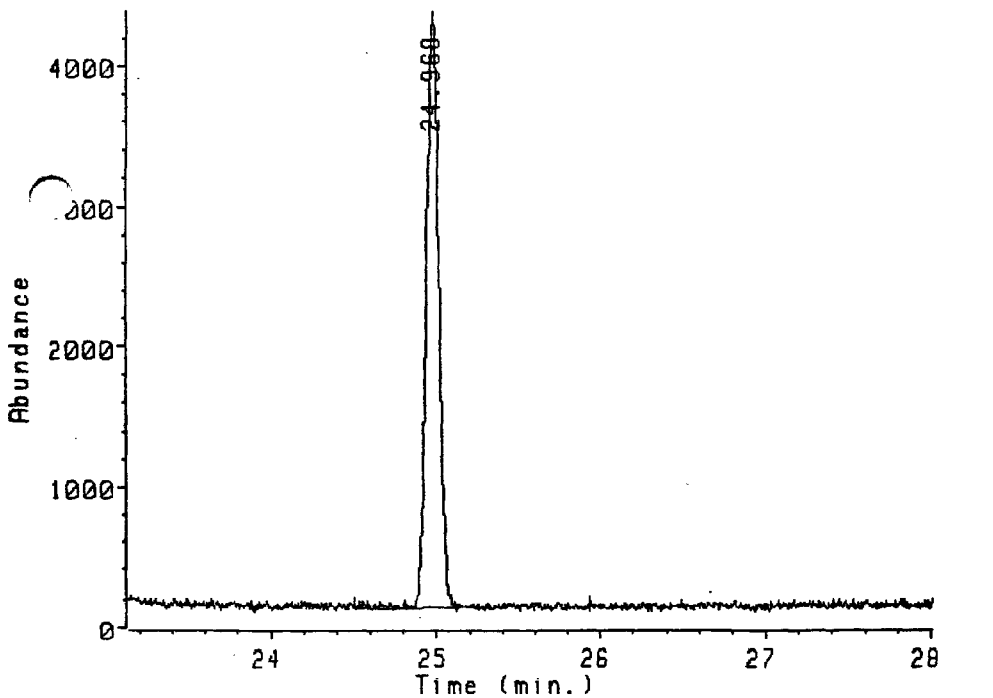
Name Info: CLP CALIBRATION SOLN III
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 3:22 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 3
Replicate num : 1

023998

Ion 327.90 amu. from DATA:NCALA03A.D



Ion 327.90 amu. from DATA:NCALA03A.D
CLP CALIBRATION SOLN III

Pe	Ret Time	Type	Width	Area	Start Time	End Time
1	24.968	BB	0.140	225524	24.507	25.315

Data file: DATA:NCALA03A.D
File type: GC / MS DATA FILE

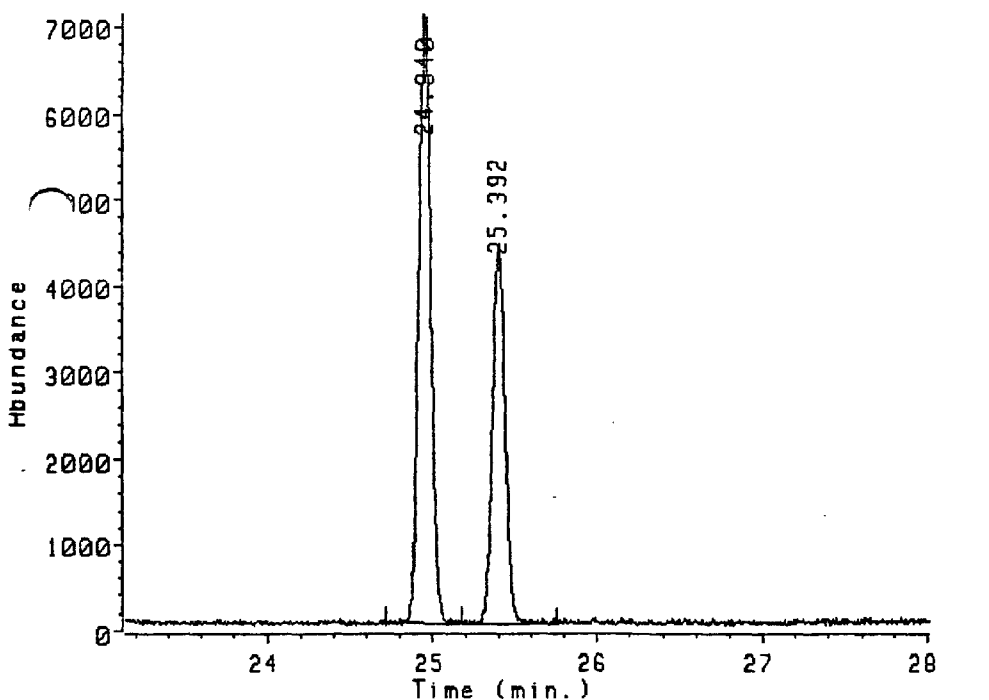
Name Info: CLP CALIBRATION SOLN III
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 3:22 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 3
Replicate num : 1

023999

Ion 331.80 amu. from DATA:NCALA03A.D



Ion 331.80 amu. from DATA:NCALA03A.D
CLP CALIBRATION SOLN III

	Ret Time	Type	Width	Area	Start Time	End Time
1	24.940	BU	0.087	365137	24.712	25.177
2	25.392	UB	0.128	228821	25.177	25.749

03224210

Data file: DATA:NCALA03A.D
File type: GC / MS DATA FILE

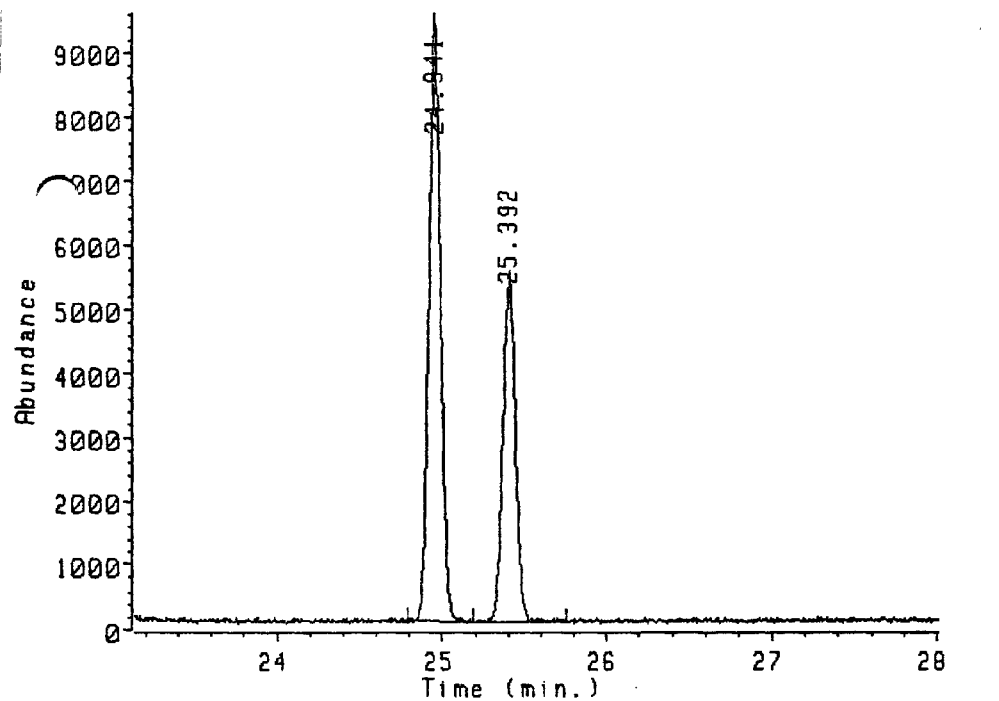
Name Info: CLP CALIBRATION SOLN III
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 3:22 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 3
Replicate num : 1

024000

Ion 333.80 amu. from DATA:NCALA03A.D



Ion 333.80 amu. from DATA:NCALA03A.D
CLP CALIBRATION SOLN III

Pe	Ret Time	Type	Width	Area	Start Time	End Time
1	24.941	BU	0.155	460954	24.784	25.185
2	25.392	PB	0.131	280484	25.185	25.749

03224211

Data file: DATA:NCALA03B.D
File type: GC / MS DATA FILE

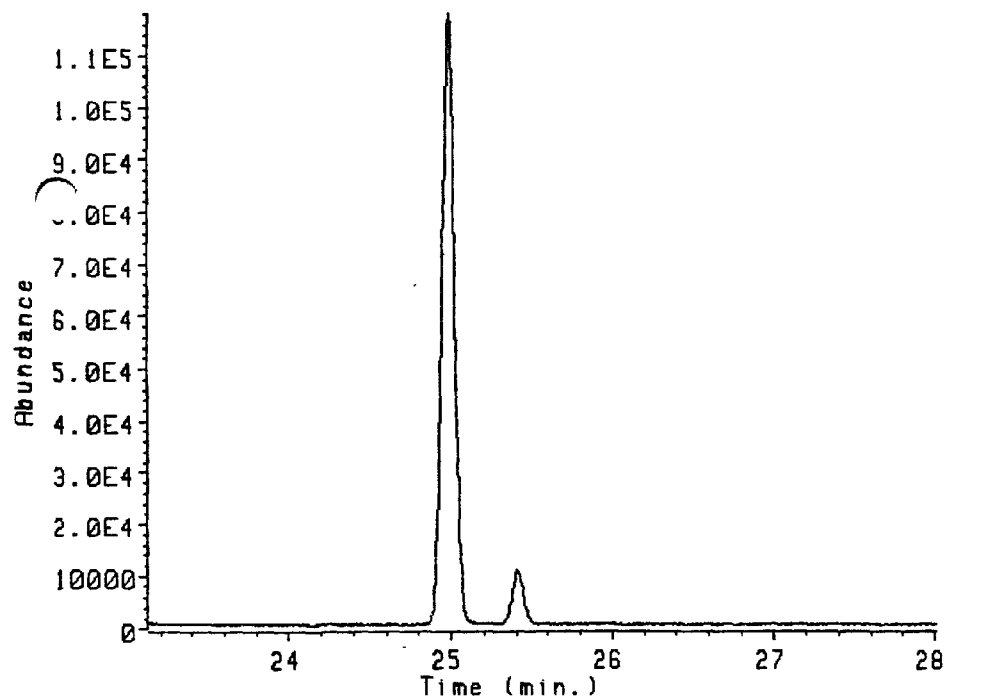
Name Info: CLP CALIBRATION SOLN III
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 3:54 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 3
Replicate num : 2

024001

TIC of DATA:NCALA03B.D



Data file: DATA:NCALA03B.D
File type: GC / MS DATA FILE

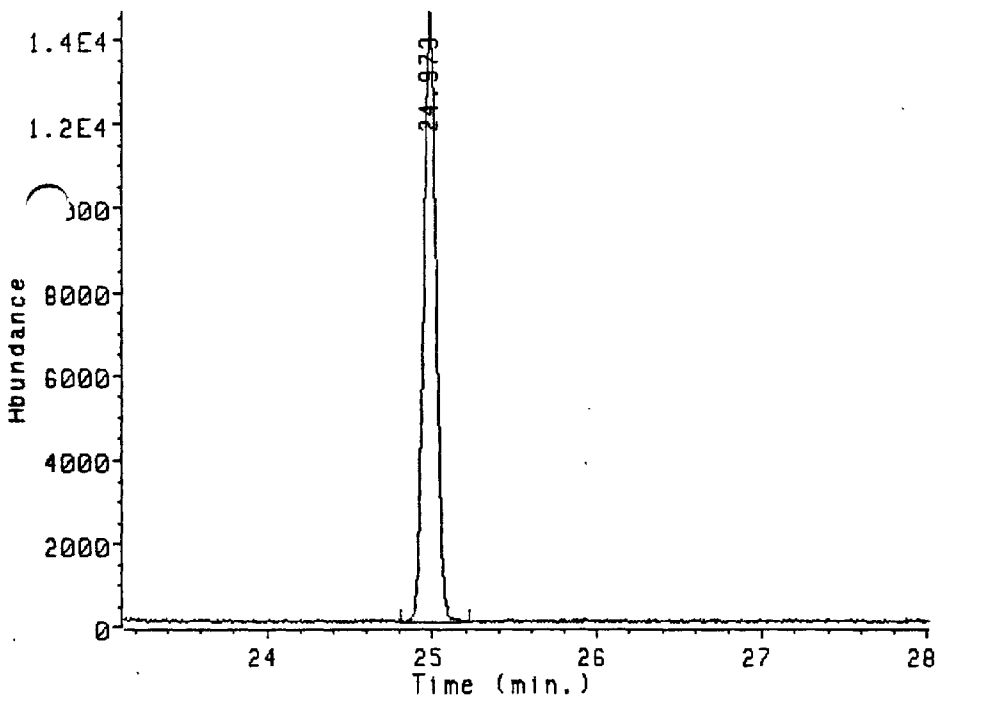
Name Info: CLP CALIBRATION SOLN III
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 3:54 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 3
Replicate num : 2

024002

Ion 258.90 amu. from DATA:NCALA03B.D



Ion 258.90 amu. from DATA:NCALA03B.D
CLP CALIBRATION SOLN III

Ret Time	Type	Width	Area	Start Time	End Time
24.973	BB	0.157	767960	24.808	25.225

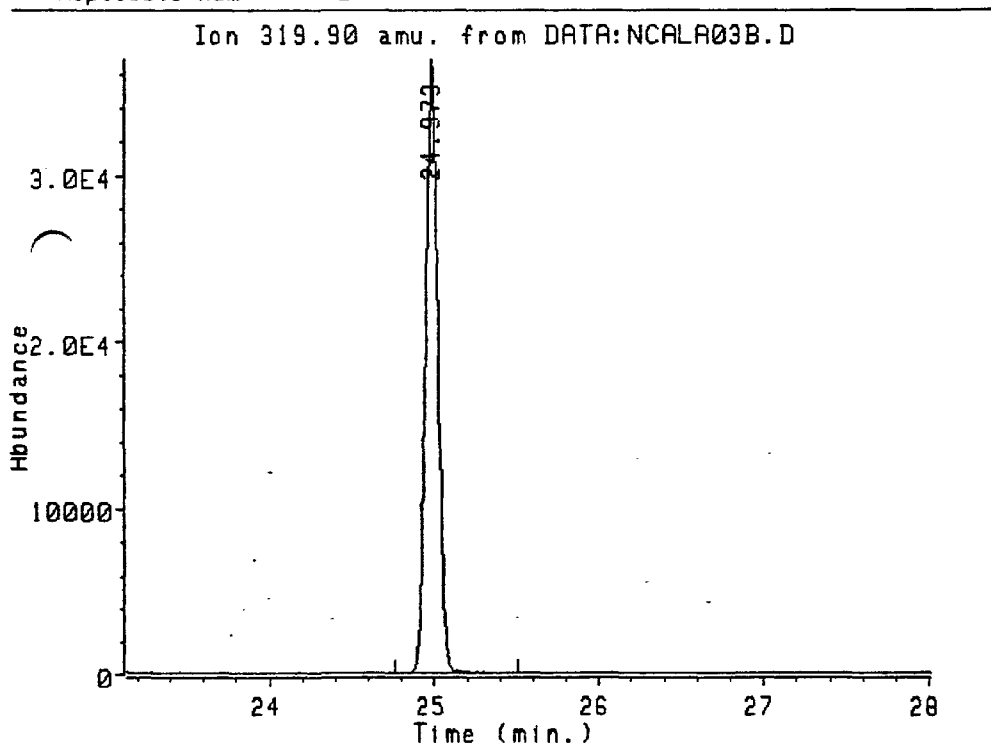
Data file: DATA:NCALA03B.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN III
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 3:54 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 3
Replicate num : 2

024003



Ion 319.90 amu. from DATA:NCALA03B.D
CLP CALIBRATION SOLN III

Ret Time	Type	Width	Area	Start Time	End Time
24.973	BB	0.141	1930166	24.760	25.508

03274214

Data file: DATA:NCALA03B.D
File type: GC / MS DATA FILE

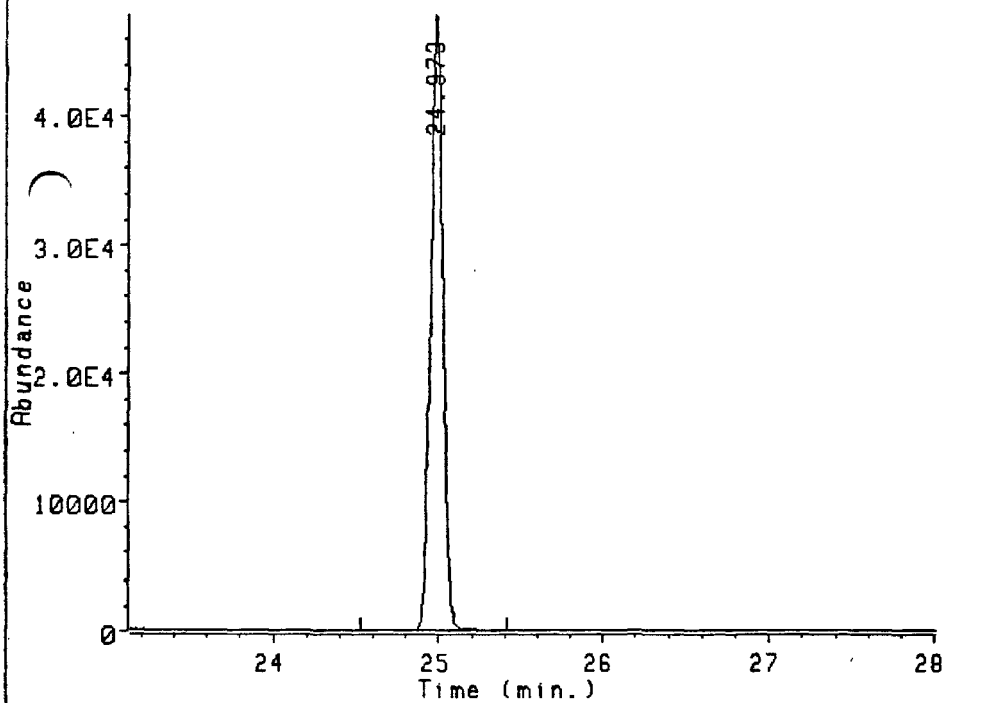
Name Info: CLP CALIBRATION SOLN III
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 3:54 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 3
Replicate num : 2

024004

Ion 321.90 amu. from DATA:NCALA03B.D



Ion 321.90 amu. from DATA:NCALA03B.D
CLP CALIBRATION SOLN III

Pe #	Ret Time	Type	Width	Area	Start Time	End Time
1	24.973	BB	0.143	2487907	24.524	25.411

03224215

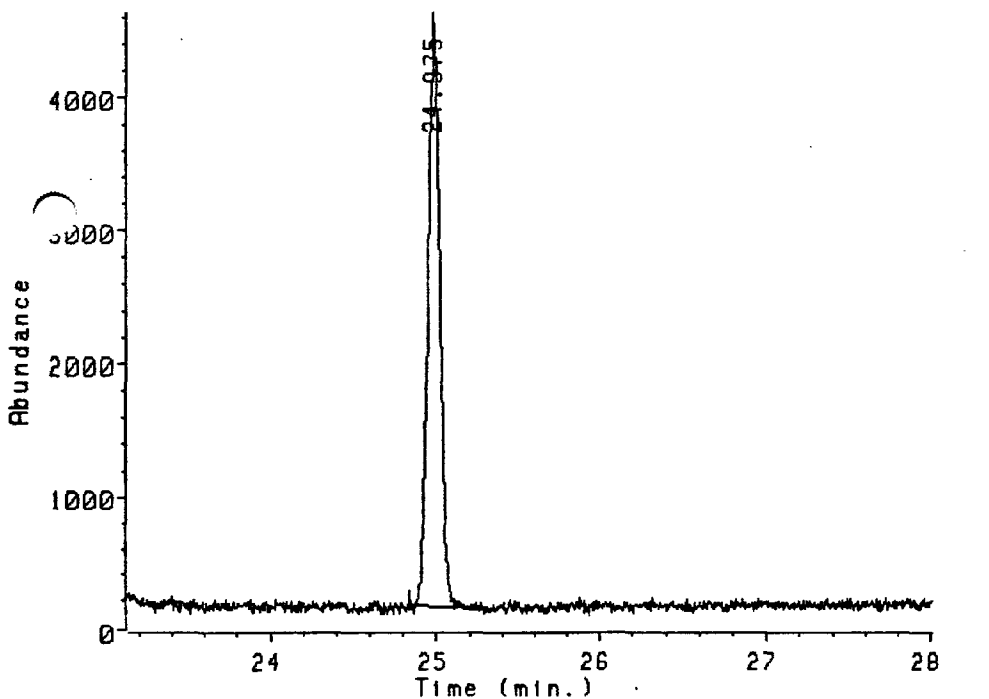
Data file: DATA:NCALA03B.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN III
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 3:54 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 3
Replicate num : 2

Ion 327.90 amu. from DATA:NCALA03B.D



Ion 327.90 amu. from DATA:NCALA03B.D
CLP CALIBRATION SOLN III

Ret Time	Type	Width	Area	Start Time	End Time
24.975	BB	0.143	225238	24.832	25.315

024005

Data file: DATA:NCALA03B.D
File type: GC / MS DATA FILE

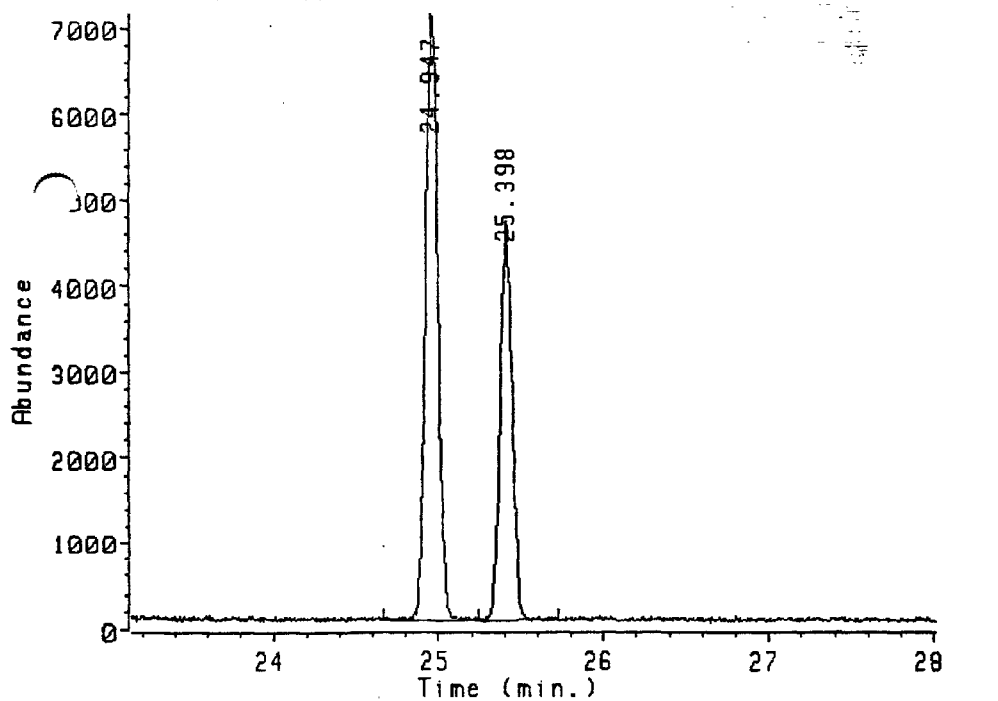
Name Info: CLP CALIBRATION SOLN III
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 3:54 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 3
Replicate num : 2

024006

Ion 331.80 amu. from DATA:NCALA03B.D



Ion 331.80 amu. from DATA:NCALA03B.D
CLP CALIBRATION SOLN III

Pe	Ret Time	Type	Width	Area	Start Time	End Time
1	24.947	BU	0.147	377126	24.663	25.242
2	25.398	UB	0.086	230121	25.242	25.725

63
Data file: DATA:NCALA03B.D
File type: GC / MS DATA FILE

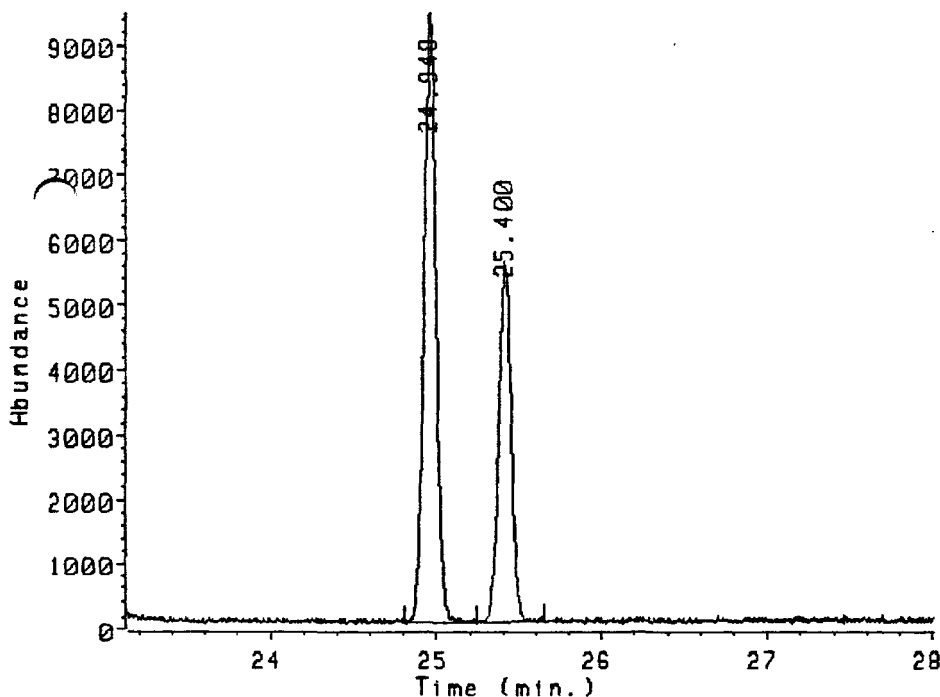
Name Info: CLP CALIBRATION SOLN III
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 3:54 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 3
Replicate num : 2

024007

Ion 333.80 amu. from DATA:NCALA03B.D



Ion 333.80 amu. from DATA:NCALA03B.D
CLP CALIBRATION SOLN III

Pe	Ret Time	Type	Width	Area	Start Time	End Time
1	24.948	BU	0.147	477220	24.808	25.242
2	25.400	PB	0.137	283684	25.242	25.652

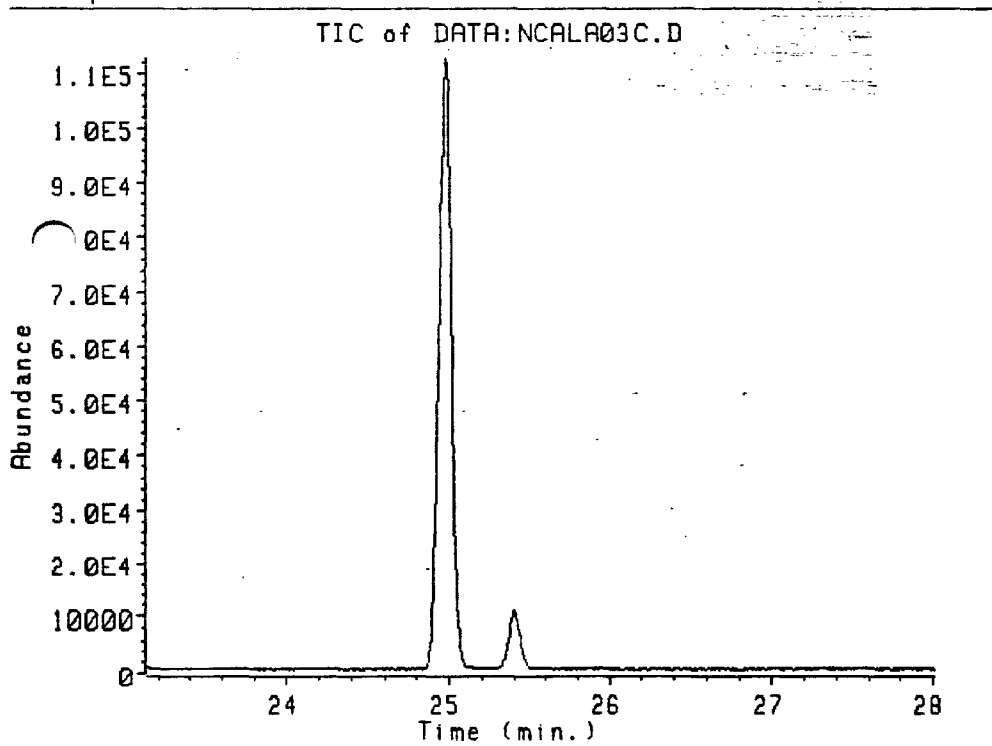
Data file: DATA:NCALA03C.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN III
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 4:26 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 3
Replicate num : 3

024008



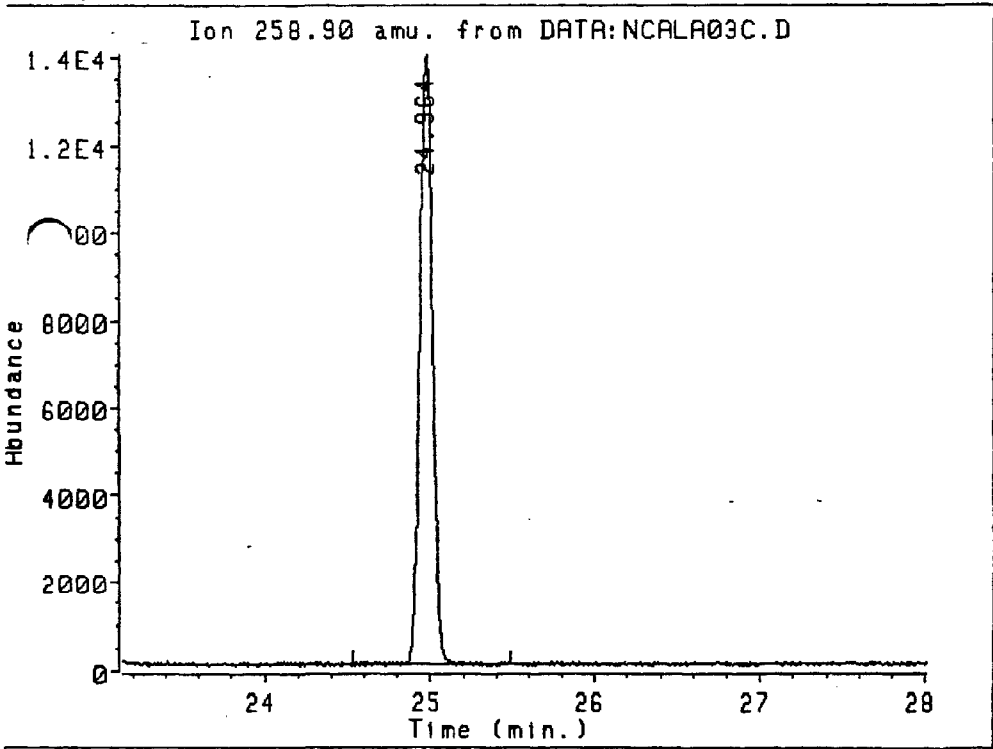
Data file: DATA:NCALA03C.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN III
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 4:26 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 3
Replicate num : 3

024009



Ion 258.90 amu. from DATA:NCALA03C.D
CLP CALIBRATION SOLN III

	Ret Time	Type	Width	Area	Start Time	End Time
1	24.964	BB	0.090	748534	24.531	25.484

66
Data file: DATA:NCALA03C.D
File type: GC / MS DATA FILE

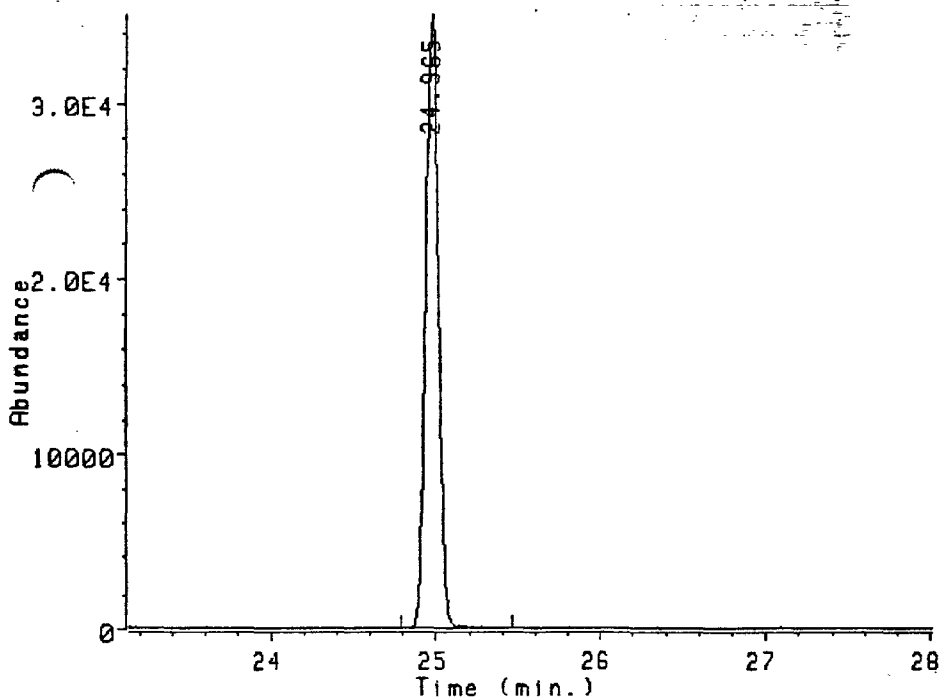
Name Info: CLP CALIBRATION SOLN III
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 4:26 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 3
Replicate num : 3

024010

Ion 319.90 amu. from DATA:NCALA03C.D



Ion 319.90 amu. from DATA:NCALA03C.D
CLP CALIBRATION SOLN III

	Ret Time	Type	Width	Area	Start Time	End Time
1	24.965	BB	0.091	1860633	24.784	25.460

67
Data file: DATA:NCALA03C.D
File type: GC / MS DATA FILE

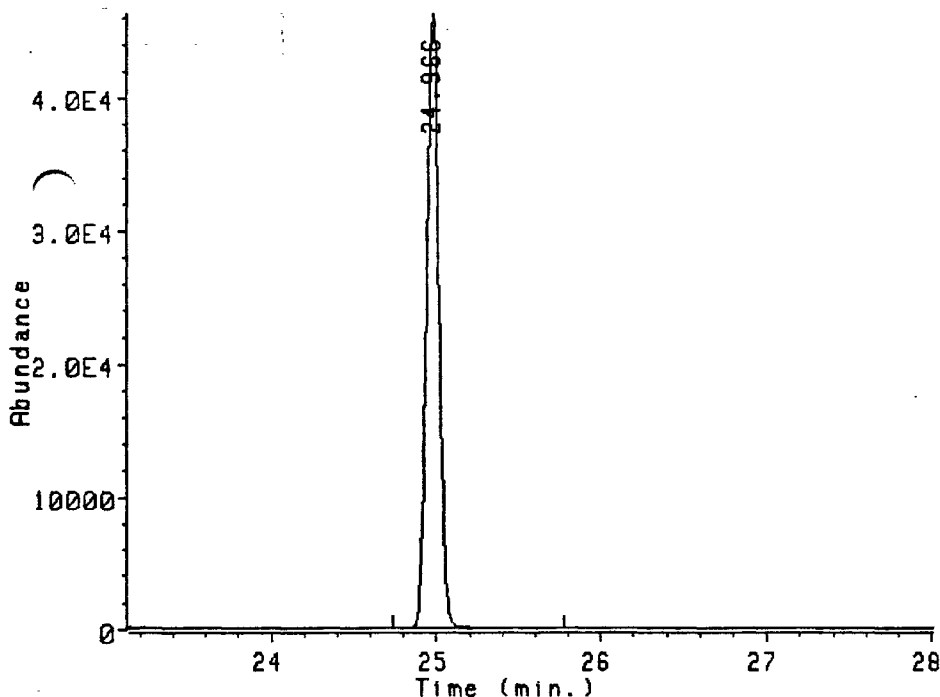
Name Info: CLP CALIBRATION SOLN III
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 4:26 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 3
Replicate num : 3

024011

Ion 321.90 amu. from DATA:NCALA03C.D



Ion 321.90 amu. from DATA:NCALA03C.D
CLP CALIBRATION SOLN III

Pe.	Ret Time	Type	Width	Area	Start Time	End Time
1	24.966	BB	0.141	2416488	24.736	25.773

03224222

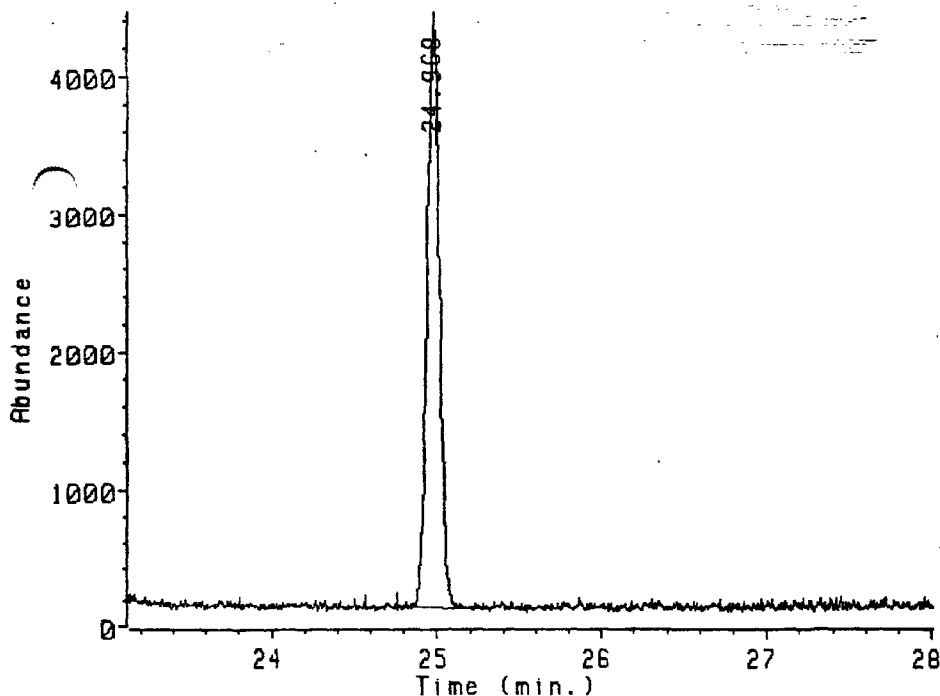
Data file: DATA:NCALA03C.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN III
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 4:26 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 3
Replicate num : 3

Ion 327.90 amu. from DATA:NCALA03C.D



Ion 327.90 amu. from DATA:NCALA03C.D
CLP CALIBRATION SOLN III

Pe.	Ret Time	Type	Width	Area	Start Time	End Time
1	24.968	BB	0.152	221614	24.760	25.315

024012

03224223

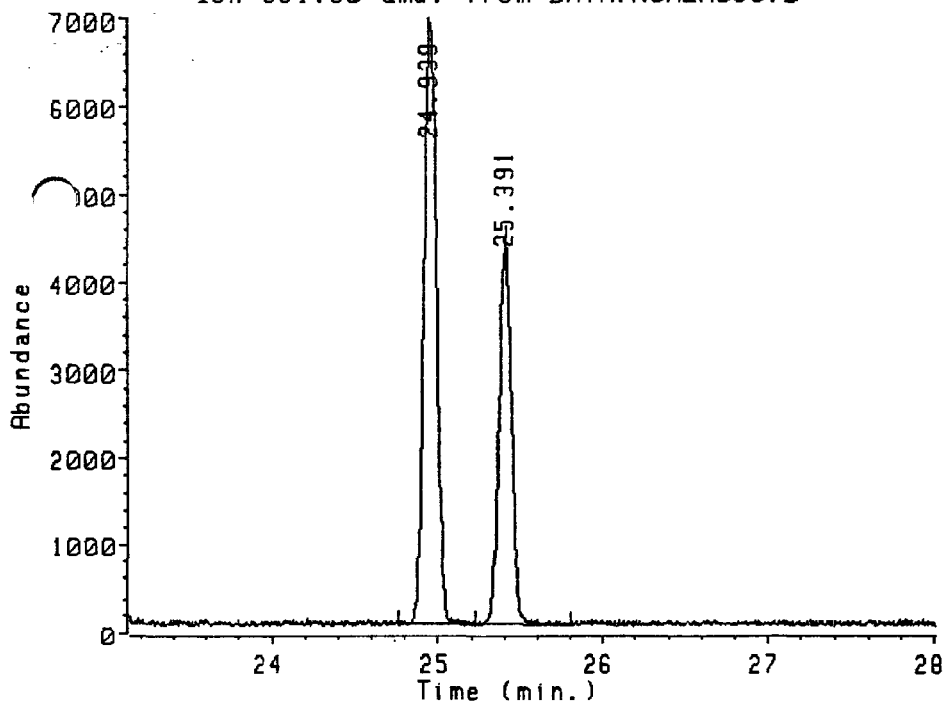
69
Data file: DATA:NCALA03C.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN III
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 4:26 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 3
Replicate num : 3

Ion 331.80 amu. from DATA:NCALA03C.D



Ion 331.80 amu. from DATA:NCALA03C.D
CLP CALIBRATION SOLN III

Pe	Ret Time	Type	Width	Area	Start Time	End Time
1	24.939	BU	0.087	362437	24.760	25.218
2	25.391	UB	0.126	226614	25.218	25.797

03274224

024013

Data file: DATA:NCALA03C.D
File type: GC / MS DATA FILE

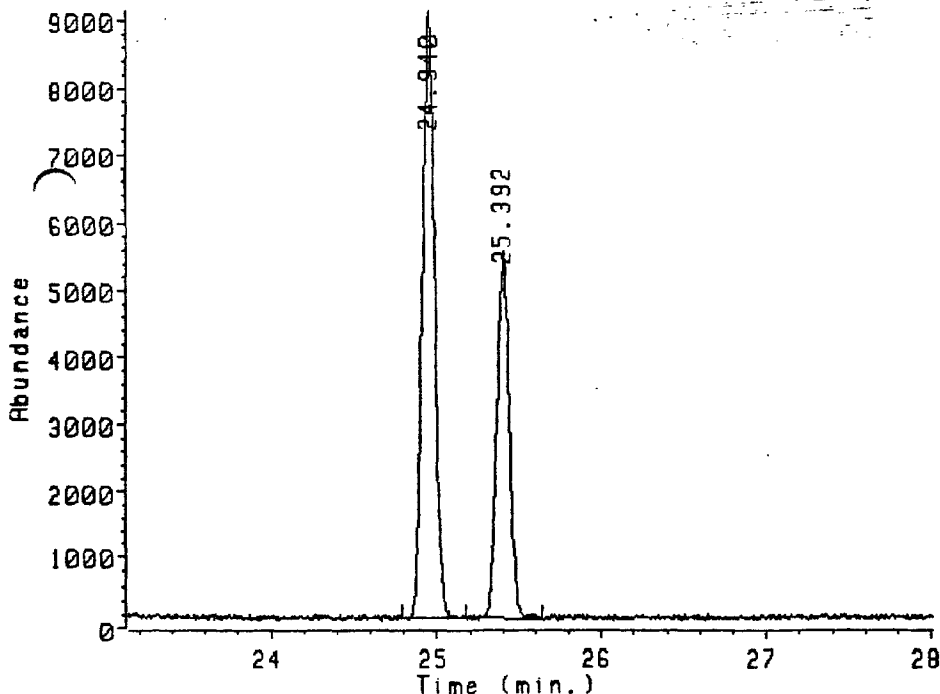
Name Info: CLP CALIBRATION SOLN III
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 4:26 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 3
Replicate num : 3

024014

Ion 333.80 amu. from DATA:NCALA03C.D



Ion 333.80 amu. from DATA:NCALA03C.D
CLP CALIBRATION SOLN III

Pe.	Ret Time	Type	Width	Area	Start Time	End Time
1	24.940	BU	0.087	455495	24.784	25.179
2	25.392	PB	0.124	279459	25.179	25.638

03224225

Data file: DATA:NCALA04A.D
File type: GC / MS DATA FILE

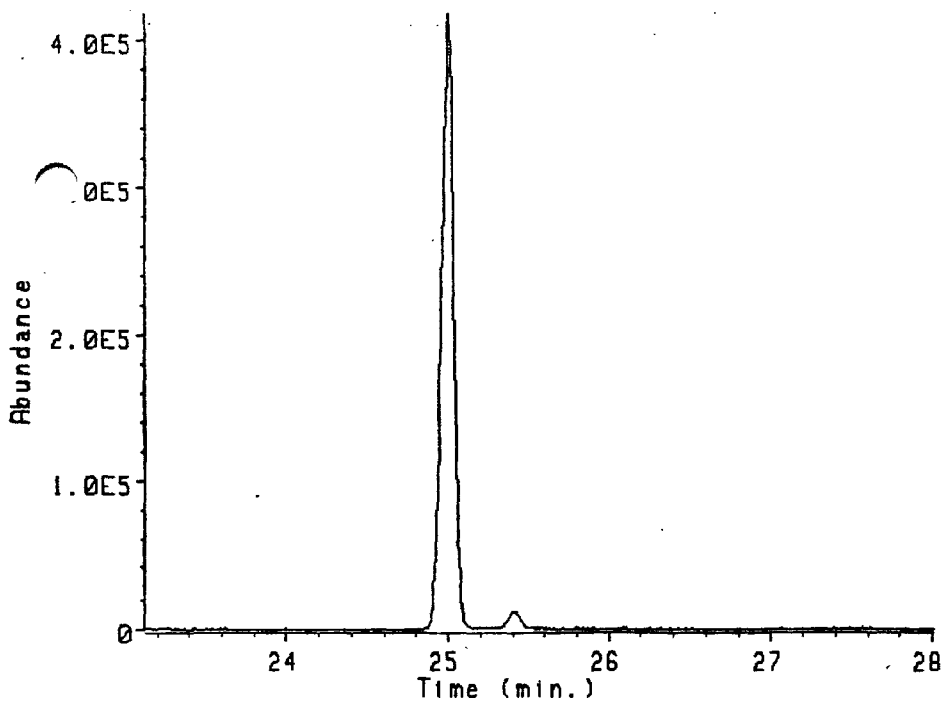
Name Info: CLP CALIBRATION SOLN IV
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 4:58 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 4
Replicate num : 1

024015

TIC of DATA:NCALA04A.D



Data file: DATA:NCALA04A.D
File type: GC / MS DATA FILE

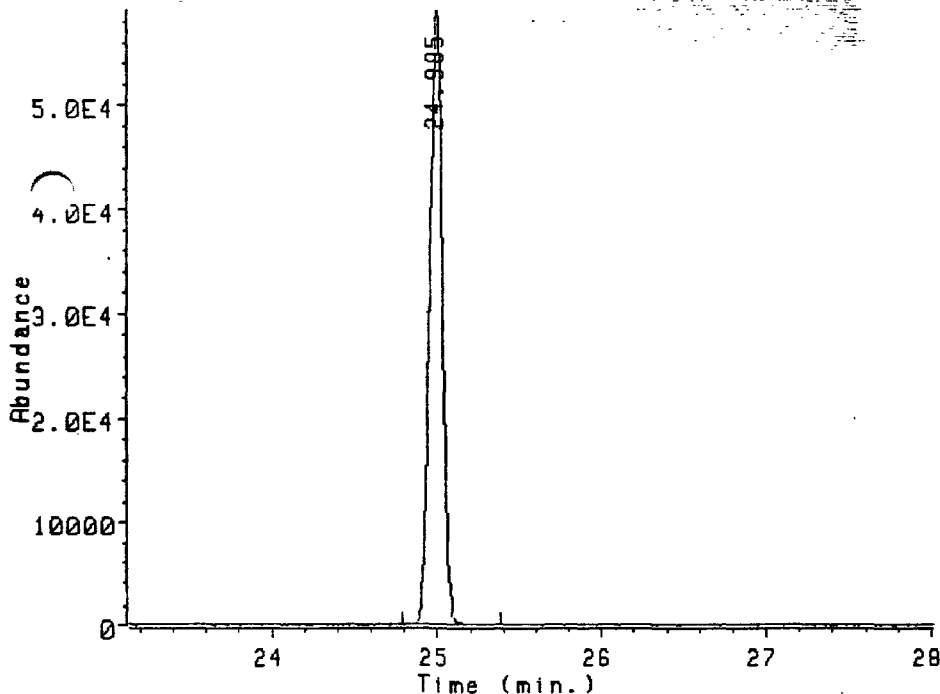
Name Info: CLP CALIBRATION SOLN IV
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 4:58 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 4
Replicate num : 1

024016

Ion 258.90 amu. from DATA:NCALA04A.D



Ion 258.90 amu. from DATA:NCALA04A.D
CLP CALIBRATION SOLN IV

	Ret Time	Type	Width	Area	Start Time	End Time
1	24.985	BB	0.090	3186158	24.784	25.387

03224227

Data file: DATA:NCALA04A.D
File type: GC / MS DATA FILE

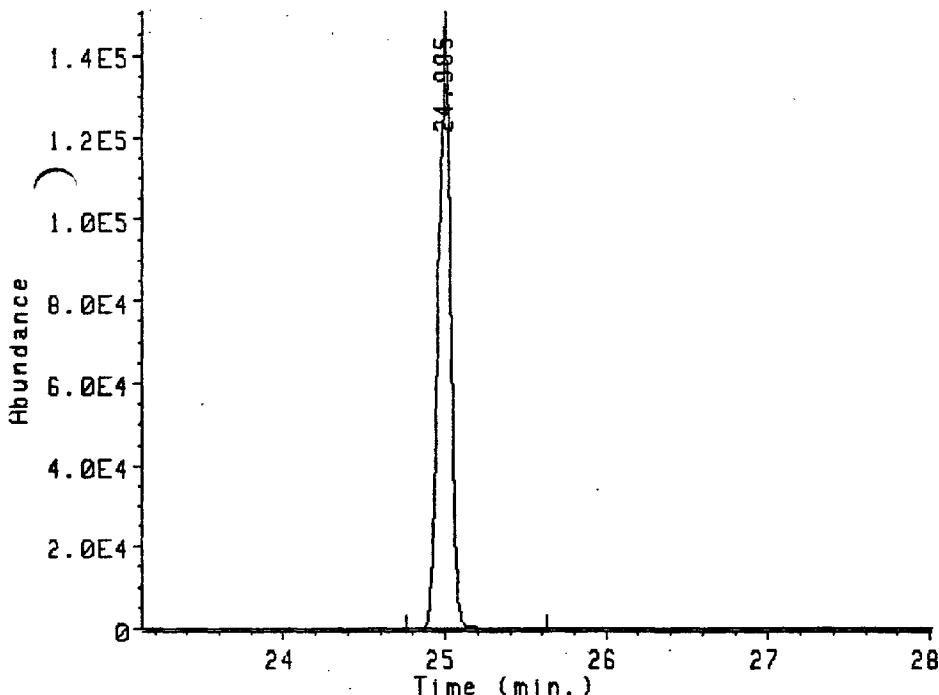
Name Info: CLP CALIBRATION SOLN IV
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 4:58 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 4
Replicate num : 1

024017

Ion 319.90 amu. from DATA:NCALA04A.D



Ion 319.90 amu. from DATA:NCALA04A.D
CLP CALIBRATION SOLN IV

Peak	Ret Time	Type	Width	Area	Start Time	End Time
1	24.985	BB	0.092	7761312	24.760	25.628

Data file: DATA:NCALA04A.D
File type: GC / MS DATA FILE

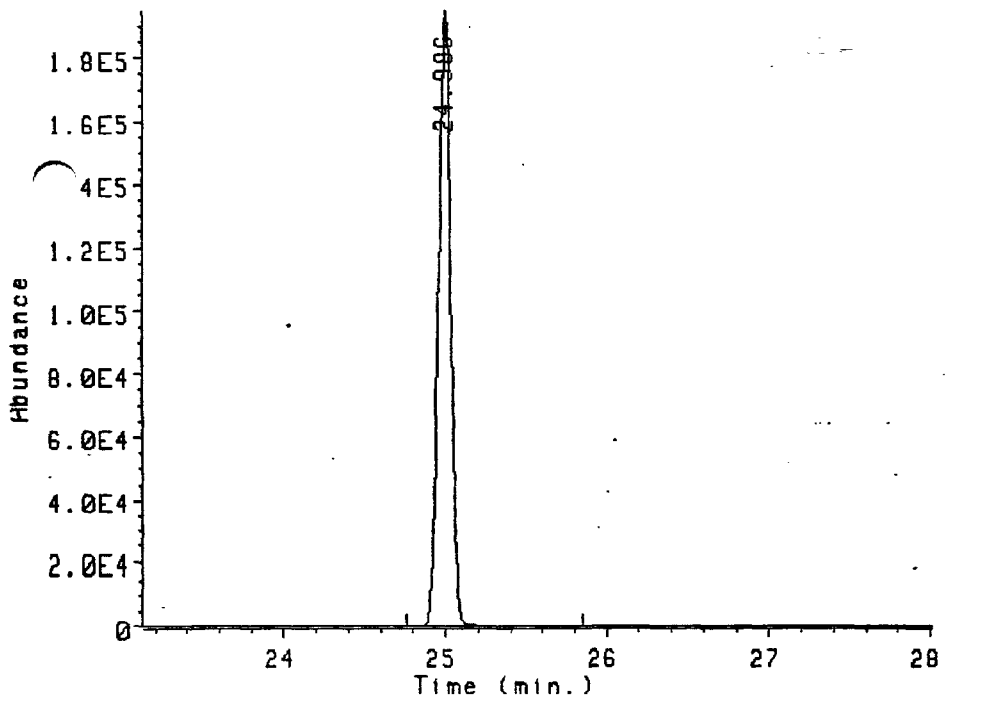
Name Info: CLP CALIBRATION SOLN IV
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 4:58 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 4
Replicate num : 1

024018

Ion 321.90 amu. from DATA:NCALA04A.D



Ion 321.90 amu. from DATA:NCALA04A.D
CLP CALIBRATION SOLN IV

Peak	Ret Time	Type	Width	Area	Start Time	End Time
1	24.986	BB	0.087	10280454	24.760	25.846

Data file: DATA:NCALA04A.D
File type: GC / MS DATA FILE

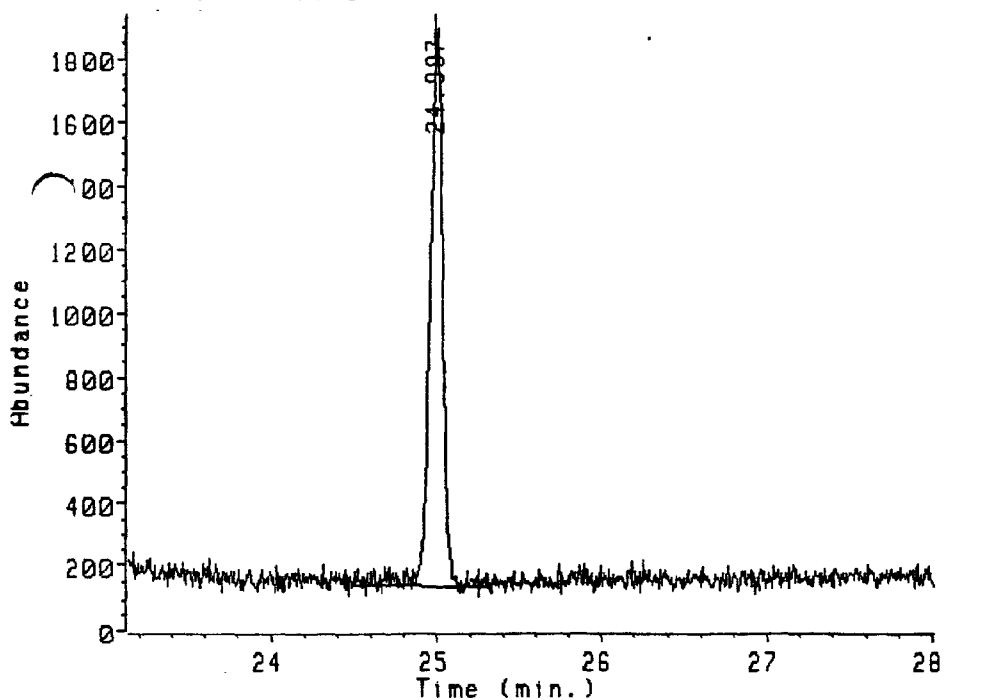
Name Info: CLP CALIBRATION SOLN IV
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 4:58 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 4
Replicate num : 1

024019

Ion 327.90 amu. from DATA:NCALA04A.D



Ion 327.90 amu. from DATA:NCALA04A.D
CLP CALIBRATION SOLN IV

	Ret Time	Type	Width	Area	Start Time	End Time
1	24.987	BB	0.091	96269	24.500	25.315

03274230

Data file: DATA:NCALA04A.D
File type: GC / MS DATA FILE

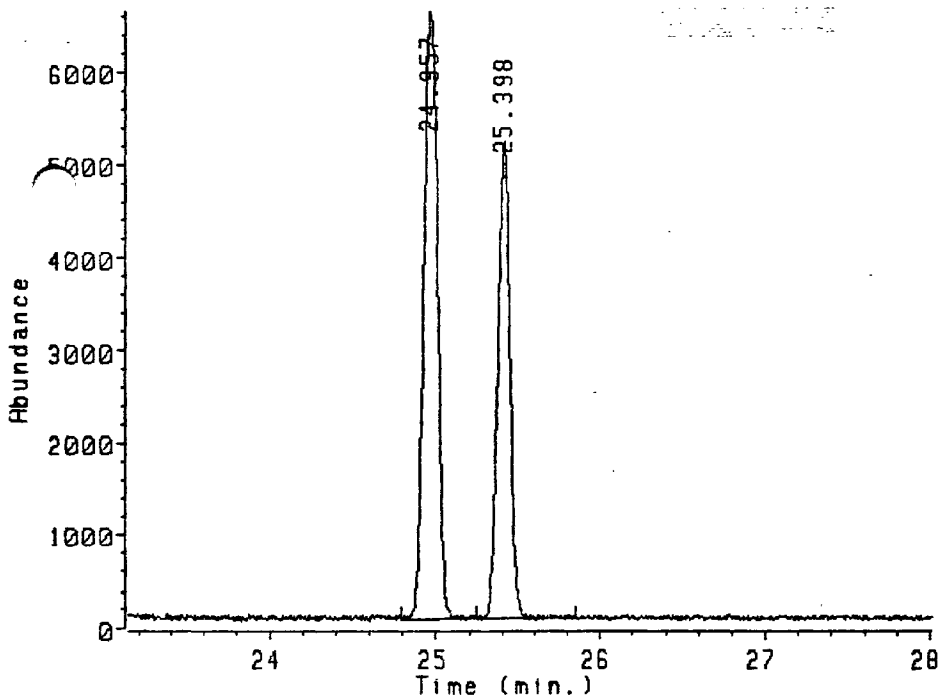
Name Info: CLP CALIBRATION SOLN IV
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 4:58 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 4
Replicate num : 1

024020

Ion 331.80 amu. from DATA:NCALA04A.D



Ion 331.80 amu. from DATA:NCALA04A.D
CLP CALIBRATION SOLN IV

Peak	Ret Time	Type	Width	Area	Start Time	End Time
1	24.957	BU	0.096	381115	24.784	25.239
2	25.398	UB	0.087	266939	25.239	25.846

03224231

7.7
Data file: DATA:NCALA04A.D
File type: GC / MS DATA FILE

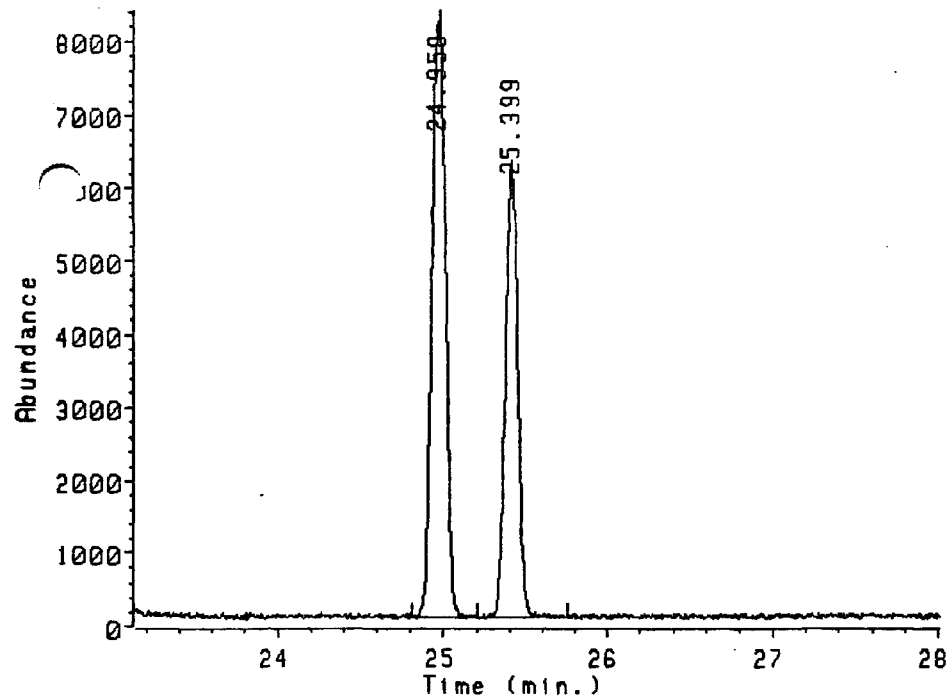
Name Info: CLP CALIBRATION SOLN IV
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 4:58 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 4
Replicate num : 1

024021

Ion 333.80 amu. from DATA:NCALA04A.D



Ion 333.80 amu. from DATA:NCALA04A.D
CLP CALIBRATION SOLN IV

Peak	Ret Time	Type	Width	Area	Start Time	End Time
1	24.958	BU	0.096	473276	24.808	25.208
2	25.399	PB	0.087	322534	25.208	25.749

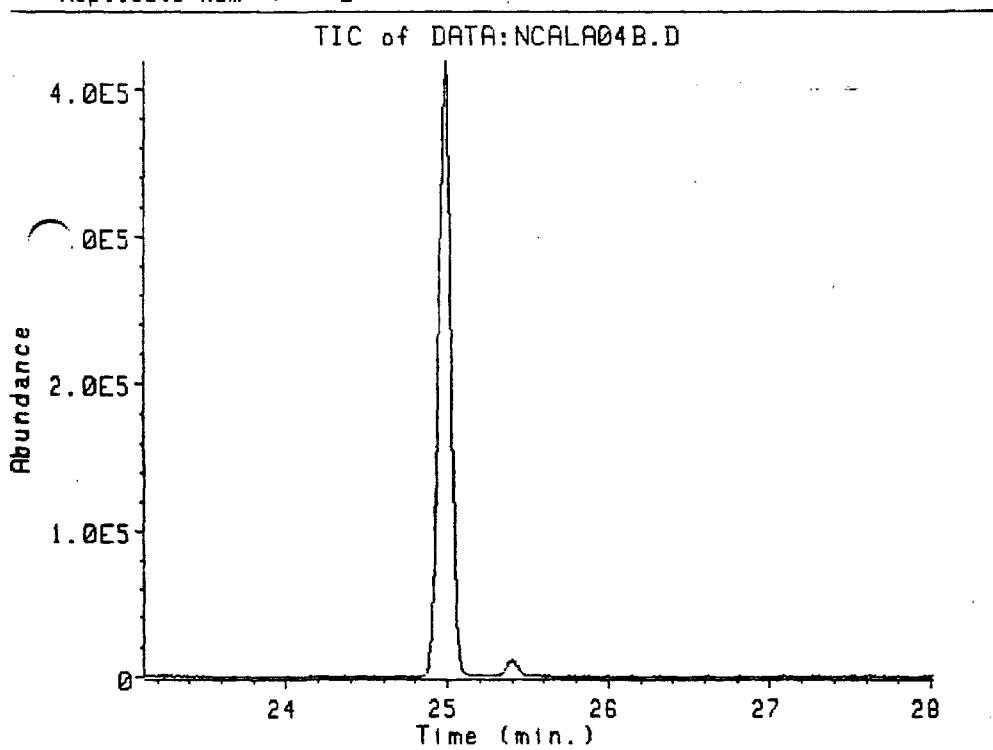
03224232

Data file: DATA:NCALA04B.D
File type: GC / MS DATA FILE
Name Info: CLP CALIBRATION SOLN IV
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 5:30 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 4
Replicate num : 2

024022



79
Data file: DATA:NCALA04B.D
File type: GC / MS DATA FILE

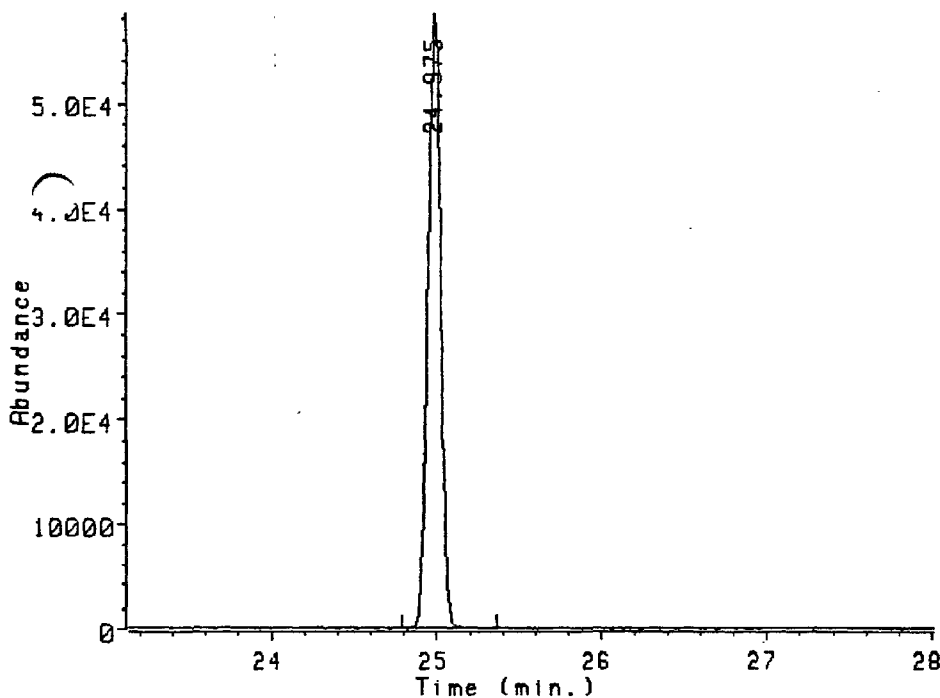
Name Info: CLP CALIBRATION SOLN IV
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 5:30 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 4
Replicate num : 2

024023

Ion 258.90 amu. from DATA:NCALA04B.D



Ion 258.90 amu. from DATA:NCALA04B.D
CLP CALIBRATION SOLN IV

	Ret Time	Type	Width	Area	Start Time	End Time
1	24.975	BB	0.174	3159515	24.784	25.363

03224234

Data file: DATA:NCALA04B.D
File type: GC / MS DATA FILE

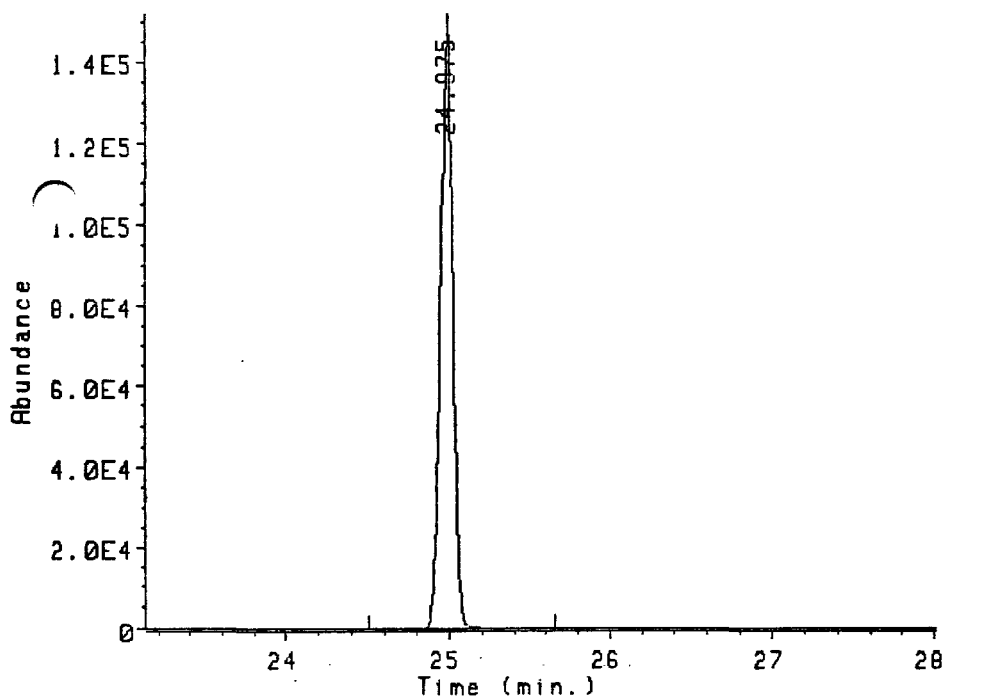
Name Info: CLP CALIBRATION SOLN IV
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 5:30 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 4
Replicate num : 2

024024

Ion 319.90 amu. from DATA:NCALA04B.D



Ion 319.90 amu. from DATA:NCALA04B.D
CLP CALIBRATION SOLN IV

Pe	Ret Time	Type	Width	Area	Start Time	End Time
1	24.975	BB	0.192	7858218	24.906	25.652

Data file: DATA:NCALA04B.D
File type: GC / MS DATA FILE

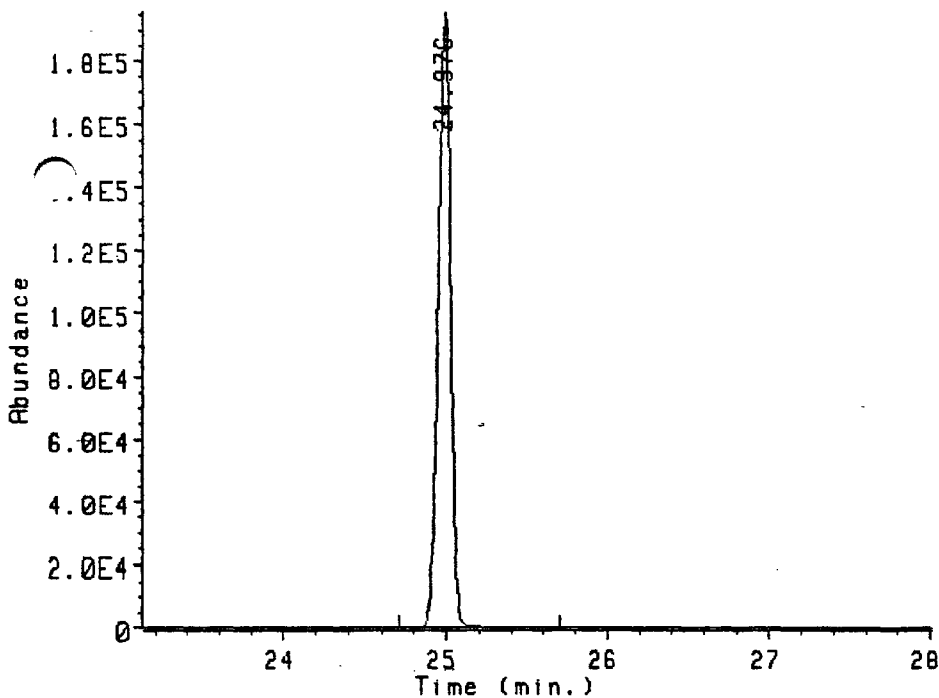
Name Info: CLP CALIBRATION SOLN IV
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 5:30 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 4
Replicate num : 2

024025

Ion 321.90 amu. from DATA:NCALA04B.D



Ion 321.90 amu. from DATA:NCALA04B.D
CLP CALIBRATION SOLN IV

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	24.976	BB	0.161	10355753	24.711	25.700

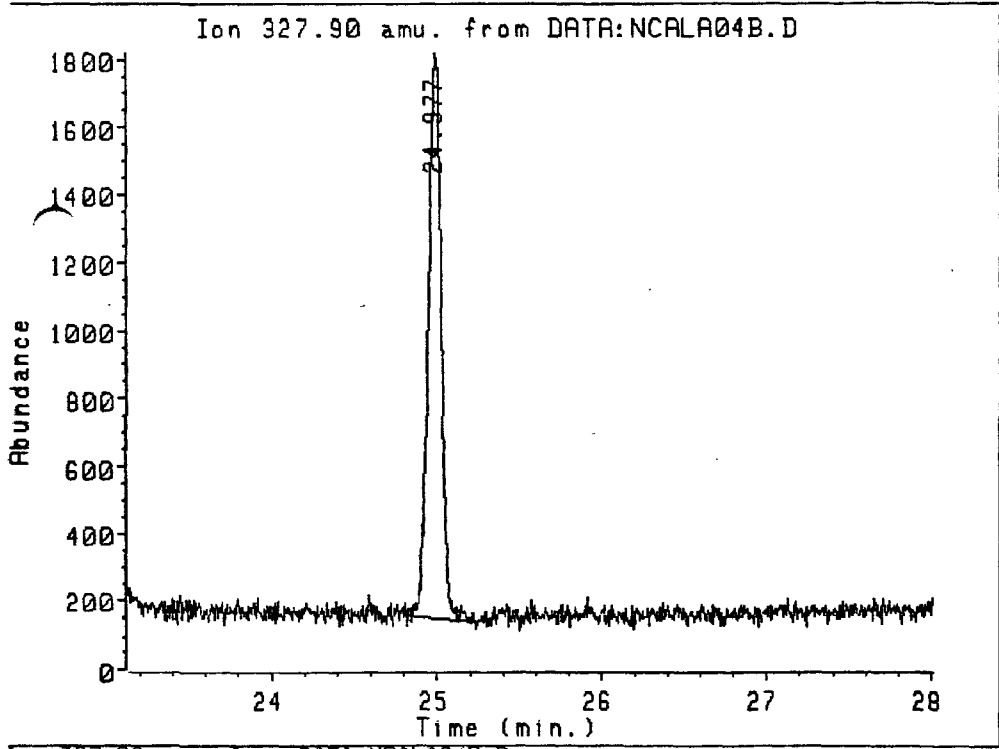
Data file: DATA:NCALA04B.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN IV
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 5:30 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 4
Replicate num : 2

024026



Ion 327.90 amu. from DATA:NCALA04B.D
CLP CALIBRATION SOLN IV

Peak #	Ret Time	Type	Width	Area	Start Time	End Time
1	24.977	BB	0.124	91642	24.808	25.228

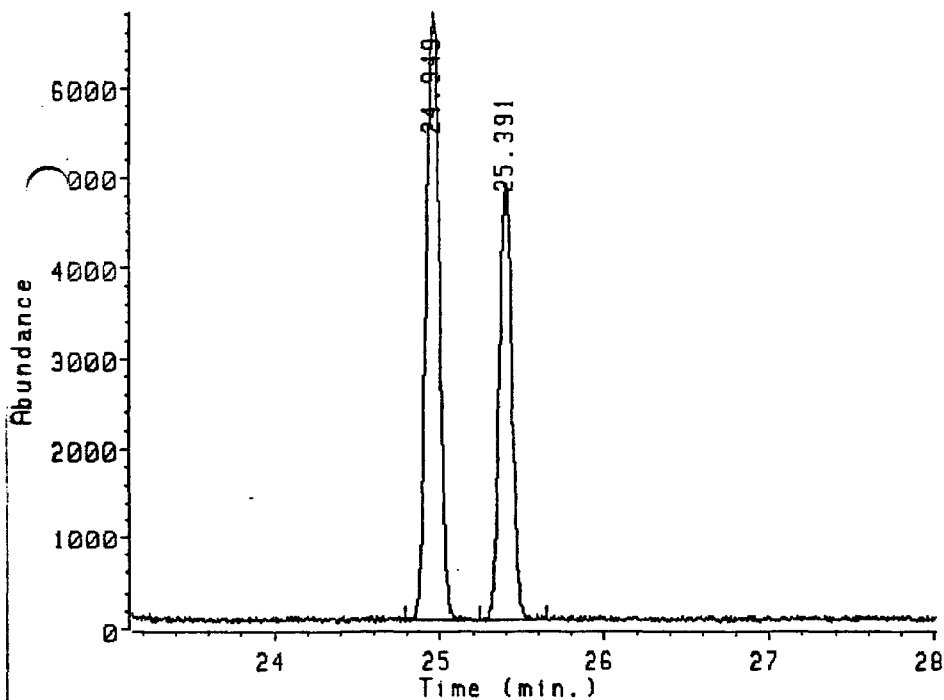
Data file: DATA:NCALA04B.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN IV
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 5:30 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 4
Replicate num : 2

Ion 331.80 amu. from DATA:NCALA04B.D



Ion 331.80 amu. from DATA:NCALA04B.D
CLP CALIBRATION SOLN IV

Pe. #	Ret Time	Type	Width	Area	Start Time	End Time
1	24.949	BU	0.137	379549	24.784	25.242
2	25.391	PB	0.131	255513	25.242	25.652

024027

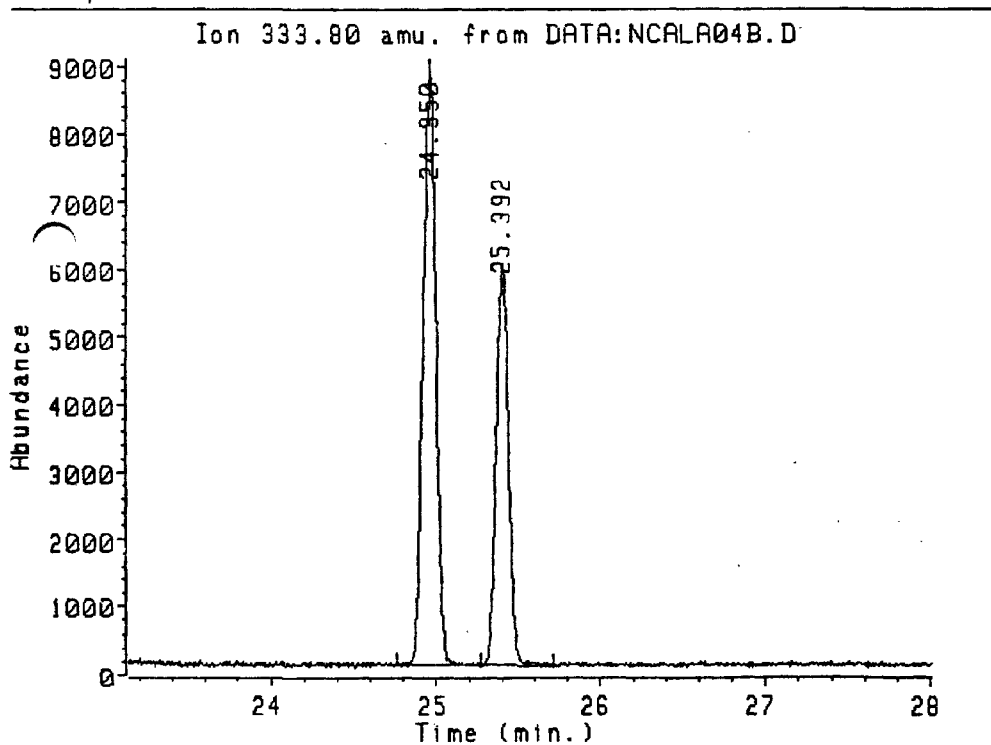
Data file: DATA:NCALA04B.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN IV
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 5:30 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 4
Replicate num : 2

024028



Ion 333.80 amu. from DATA:NCALA04B.D
CLP CALIBRATION SOLN IV

	Ret Time	Type	Width	Area	Start Time	End Time
1	24.950	BU	0.150	478280	24.760	25.266
2	25.392	PB	0.127	309835	25.266	25.712

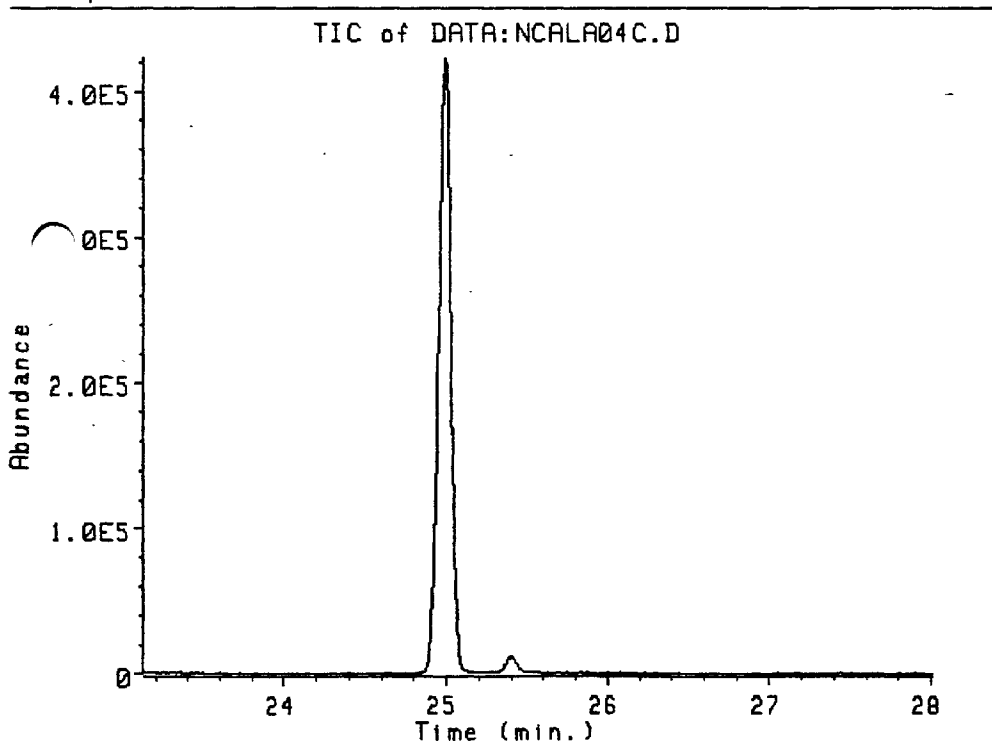
Data file: DATA:NCALA04C.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN IV
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 6:02 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 4
Replicate num : 3

024029



86

Data file: DATA:NCALA04C.D
File type: GC / MS DATA FILE

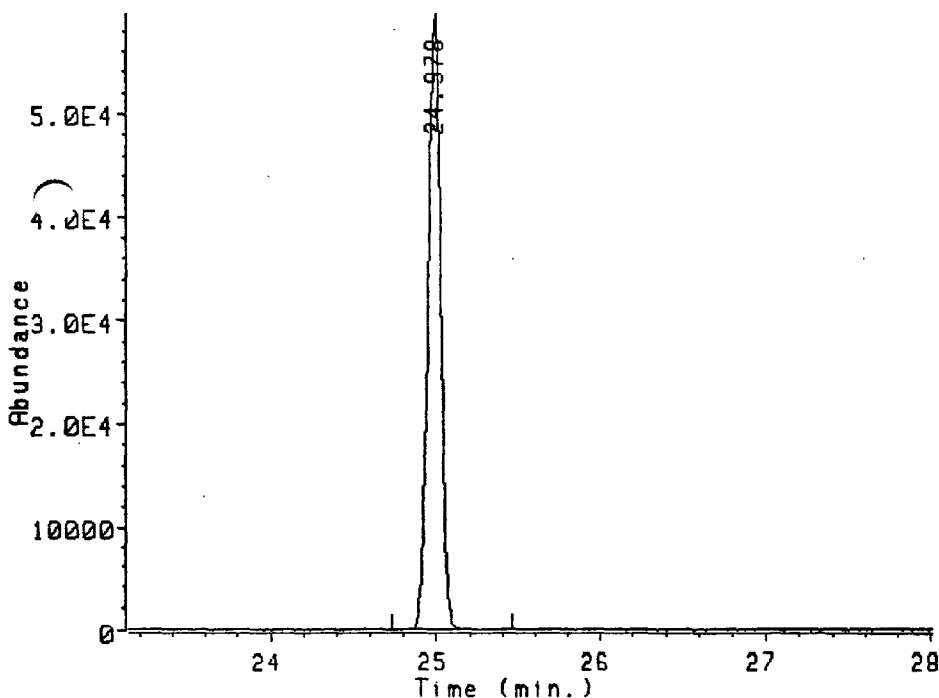
Name Info: CLP CALIBRATION SOLN IV
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 6:02 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 4
Replicate num : 3

024030

Ion 258.90 amu. from DATA:NCALA04C.D



Ion 258.90 amu. from DATA:NCALA04C.D
CLP CALIBRATION SOLN IV

	Ret Time	Type	Width	Area	Start Time	End Time
1	24.978	BB	0.151	3178940	24.735	25.459

03274241

87

4 2304

Data file: DATA:NCALA04C.D
File type: GC / MS DATA FILE

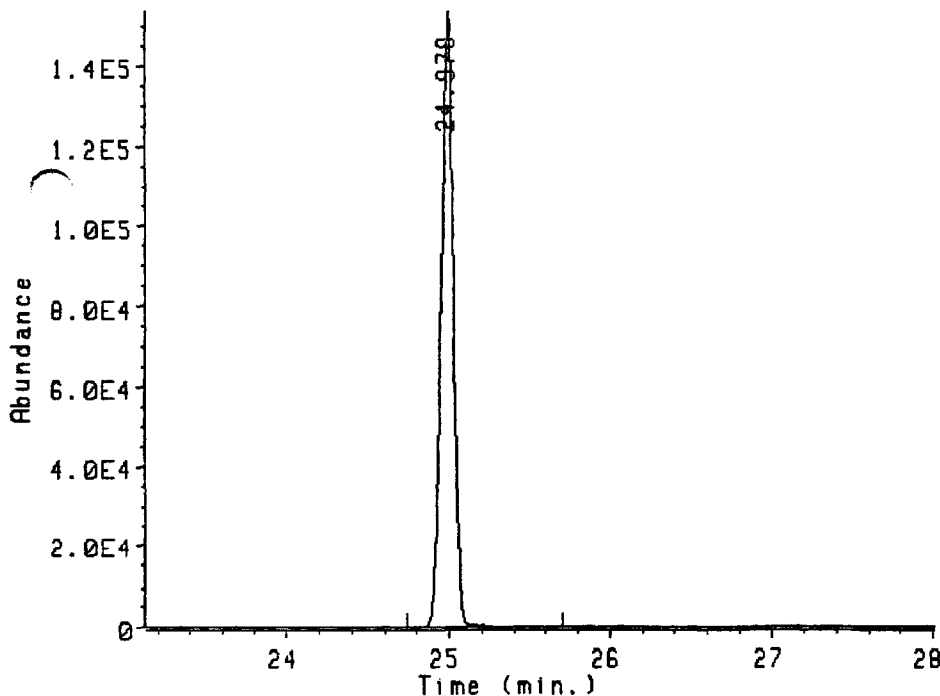
Name Info: CLP CALIBRATION SOLN IV
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 6:02 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 4
Replicate num : 3

024031

Ion 319.90 amu. from DATA:NCALA04C.D



Ion 319.90 amu. from DATA:NCALA04C.D
CLP CALIBRATION SOLN IV

Pe.	Ret Time	Type	Width	Area	Start Time	End Time
1	24.978	BB	0.171	7911157	24.735	25.700

03274242

Data file: DATA:NCALA04C.D
File type: GC / MS DATA FILE

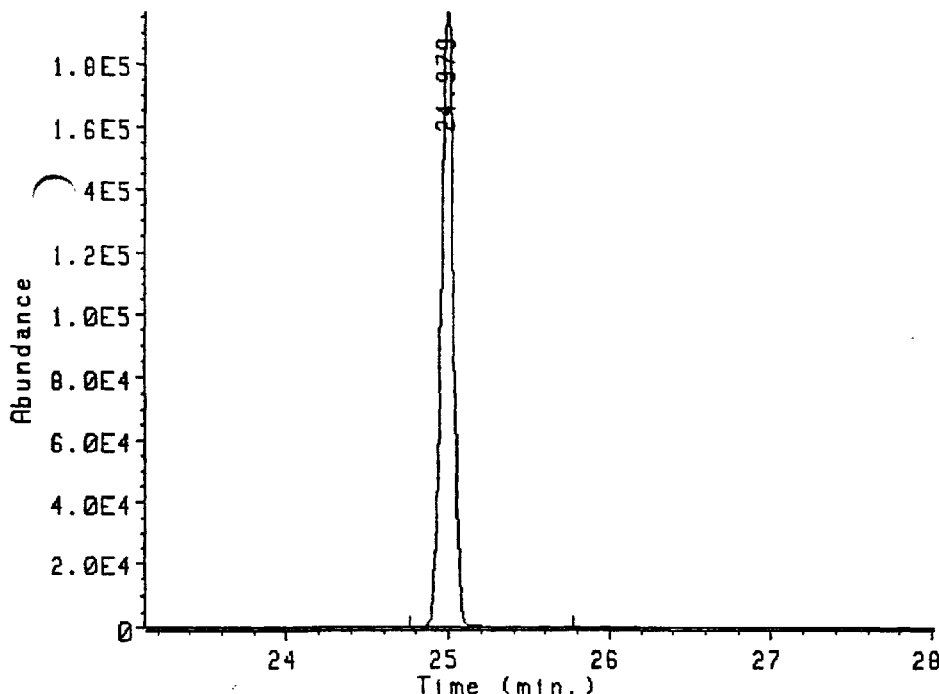
Name Info: CLP CALIBRATION SOLN IV
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 6:02 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 4
Replicate num : 3

024032

Ion 321.90 amu. from DATA:NCALA04C.D



Ion 321.90 amu. from DATA:NCALA04C.D
CLP CALIBRATION SOLN IV

Pe	Ret Time	Type	Width	Area	Start Time	End Time
1	24.979	BB	0.178	10384749	24.760	25.773

Data file: DATA:NCALA04C.D
File type: GC / MS DATA FILE

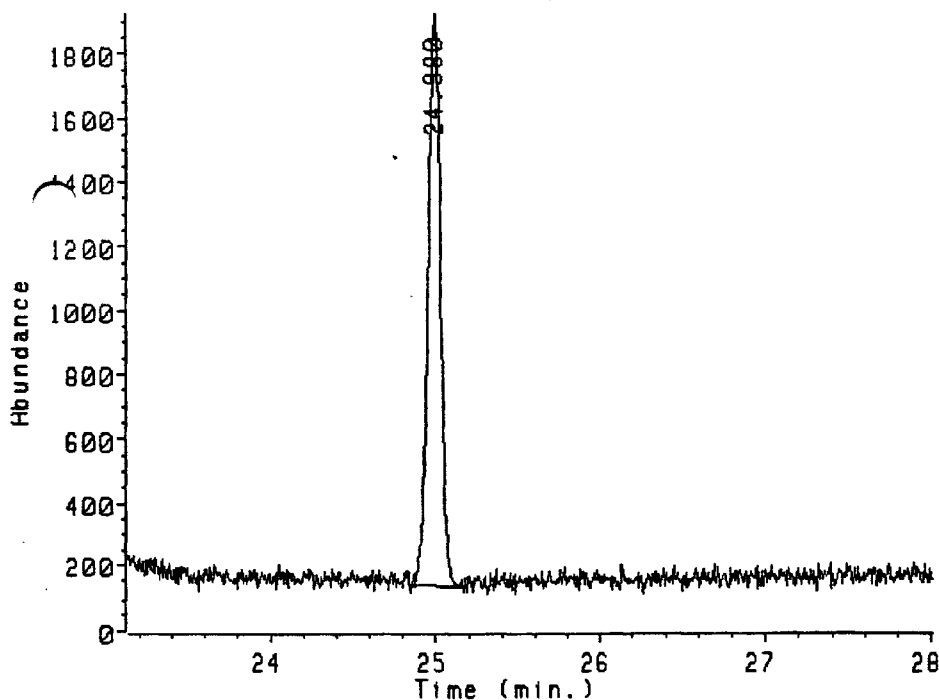
Name Info: CLP CALIBRATION SOLN IV
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 6:02 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 4
Replicate num : 3

024033

Ion 327.90 amu. from DATA:NCALA04C.D



Ion 327.90 amu. from DATA:NCALA04C.D
CLP CALIBRATION SOLN IV

	Ret Time	Type	Width	Area	Start Time	End Time
1	24.980	BB	0.137	94122	24.832	25.170

Data file: DATA:NCALA04C.D
File type: GC / MS DATA FILE

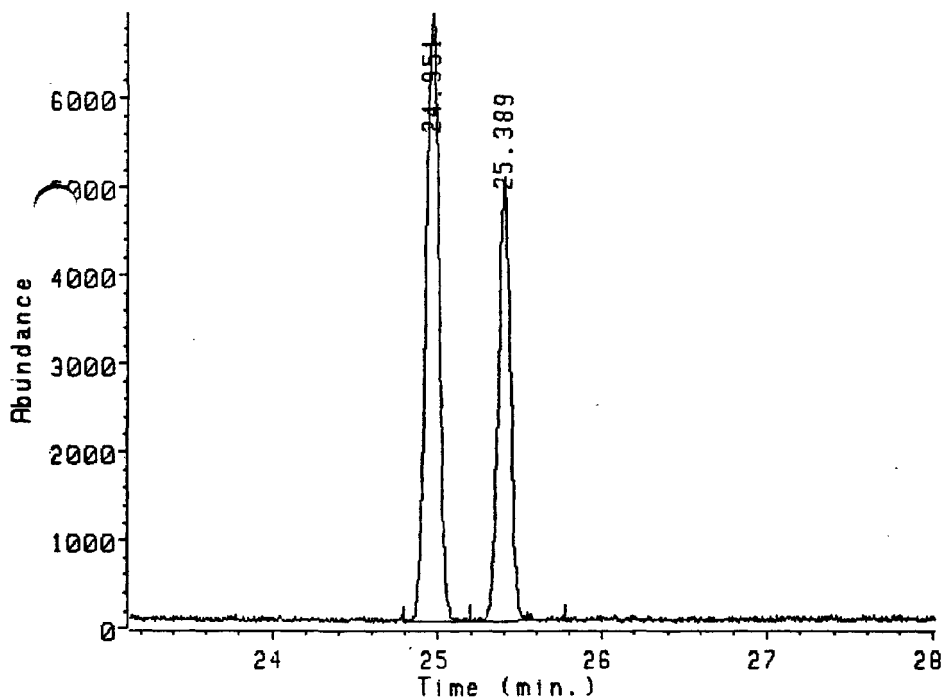
Name Info: CLP CALIBRATION SOLN IV
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 6:02 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 4
Replicate num : 3

024034

Ion 331.80 amu. from DATA:NCALA04C.D



Ion 331.80 amu. from DATA:NCALA04C.D
CLP CALIBRATION SOLN IV

Pe	Ret Time	Type	Width	Area	Start Time	End Time
1	24.951	BU	0.134	380354	24.784	25.194
2	25.389	UB	0.121	253568	25.194	25.773

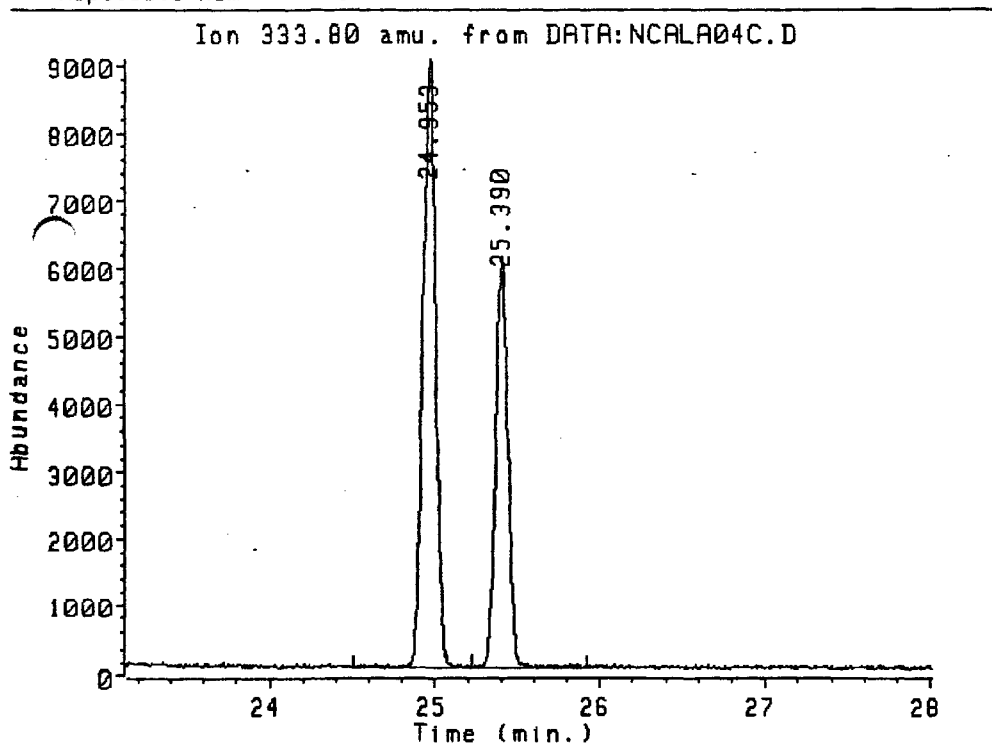
Data file: DATA:NCALA04C.D
File type: GC / MS DATA FILE

Name Info: CLP CALIBRATION SOLN IV
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 6:02 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 4
Replicate num : 3

024035



Ion 333.80 amu. from DATA:NCALA04C.D
CLP CALIBRATION SOLN IV

	Ret Time	Type	Width	Area	Start Time	End Time
1	24.953	BU	0.091	486909	24.506	25.218
2	25.390	UB	0.136	315334	25.218	25.918

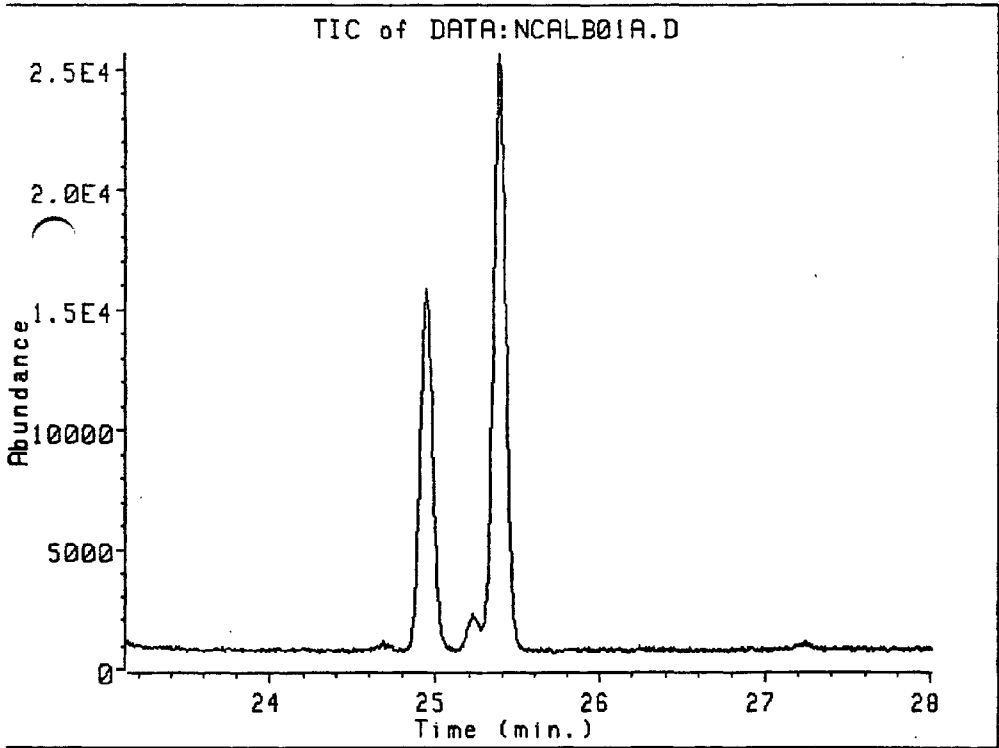
Data file: DATA:NCALB01A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 6:34 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 1
Replicate num : 1

024036



Data file: DATA:NCALB01A.D
File type: GC / MS DATA FILE

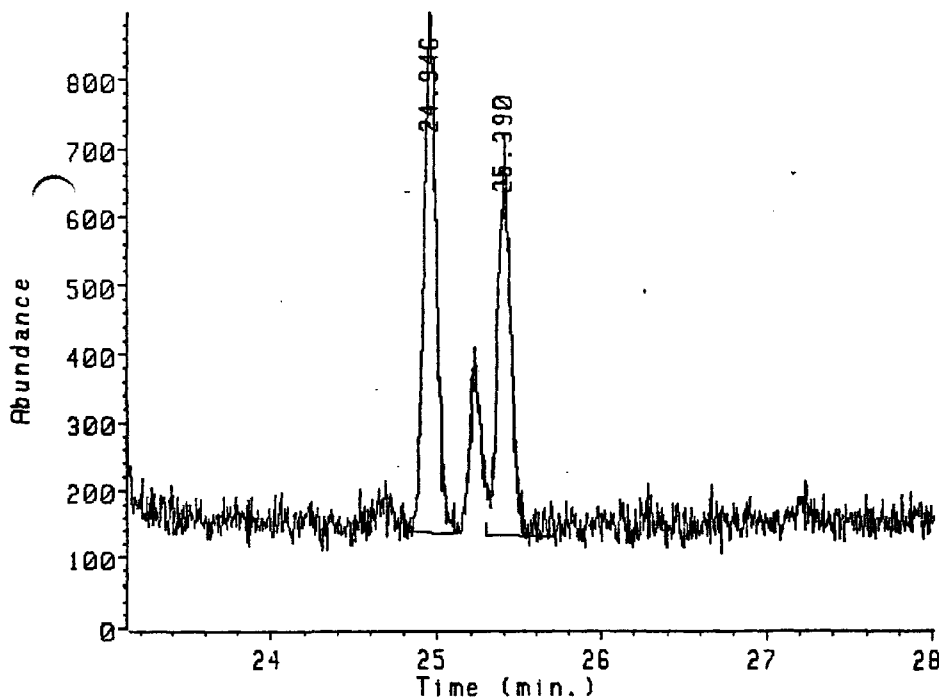
Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 6:34 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 1
Replicate num : 1

024037

Ion 258.90 amu. from DATA:NCALB01A.D



Ion 258.90 amu. from DATA:NCALB01A.D
COLUMN PERFORMANCE MIX

Pe	Ret Time	Type	Width	Area	Start Time	End Time
1	24.946	BU	0.091	39870	24.809	25.122
2	25.390	UB	0.101	31957	25.291	25.702

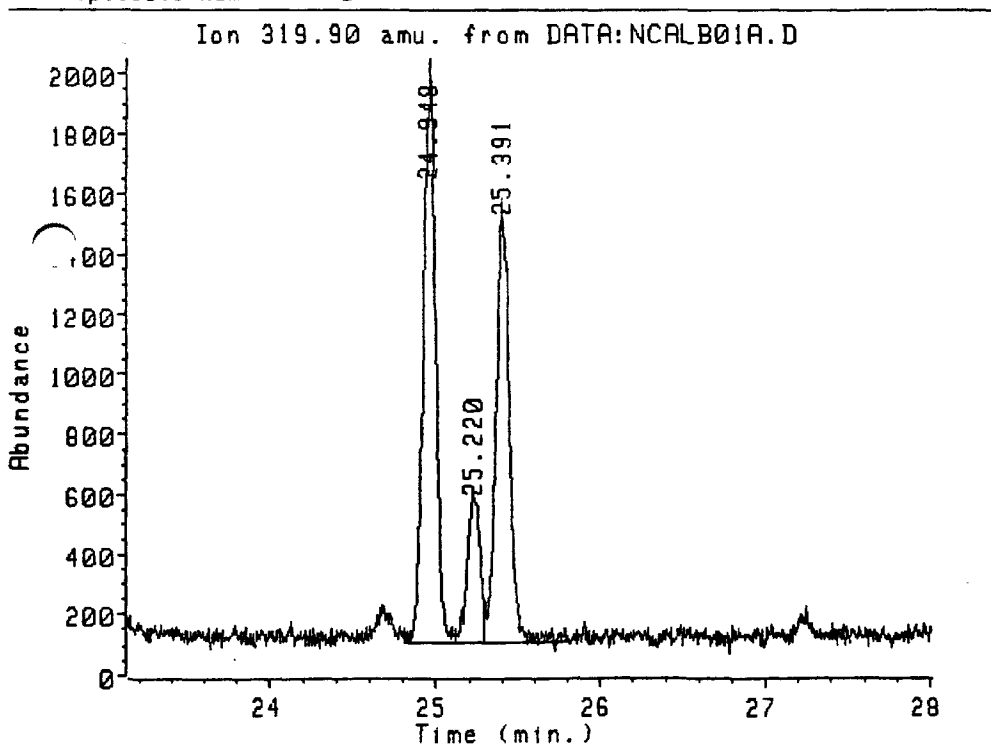
Data file: DATA:NCALB01A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 6:34 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 1
Replicate num : 1

024038



Ion 319.90 amu. from DATA:NCALB01A.D
COLUMN PERFORMANCE MIX

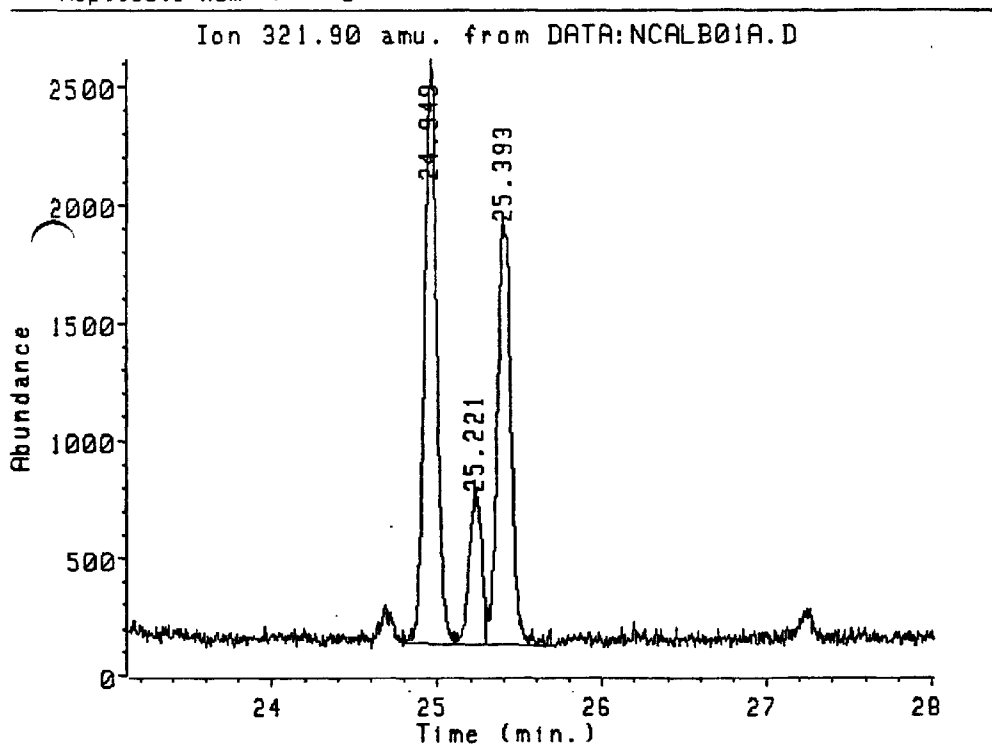
	Ret Time	Type	Width	Area	Start Time	End Time
1	24.948	UU	0.089	98901	24.803	25.122
2	25.220	UU	0.087	25754	25.122	25.290
3	25.391	VB	0.147	81636	25.290	25.798

Data file: DATA:NCALB01A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 6:34 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 1
Replicate num : 1



Ion 321.90 amu. from DATA:NCALB01A.D
COLUMN PERFORMANCE MIX

Pe	Ret Time	Type	Width	Area	Start Time	End Time
1	24.949	UU	0.088	128555	24.788	25.102
2	25.221	UU	0.086	34074	25.102	25.291
3	25.393	UU	0.150	105301	25.291	25.702

024039

03234250

96
Data file: DATA:NCALB01A.D
File type: GC / MS DATA FILE

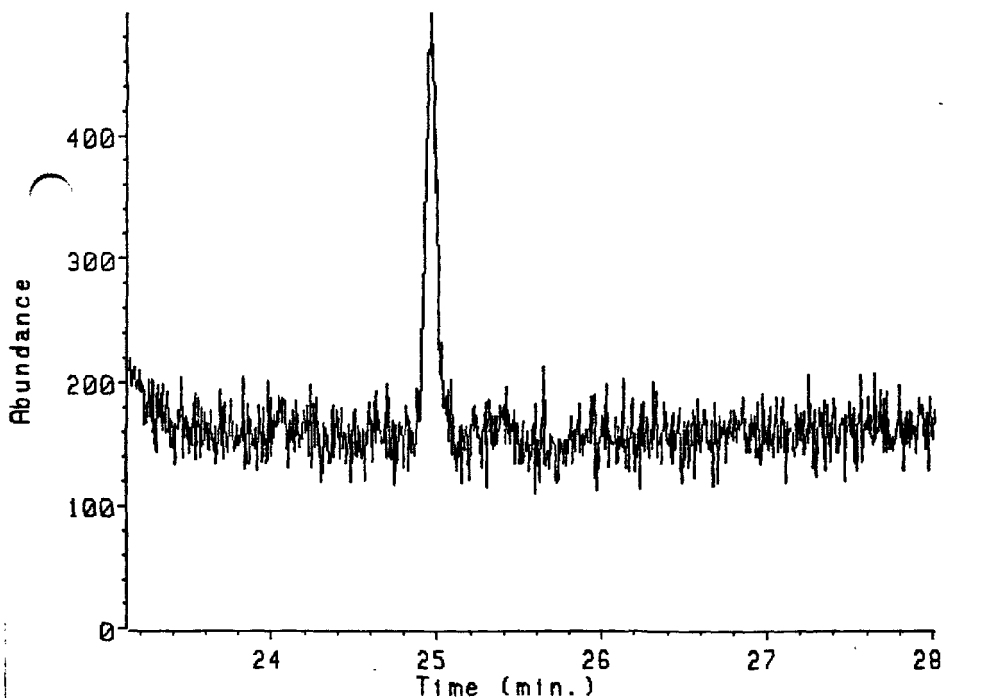
Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 6:34 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 1
Replicate num : 1

024040

Ion 327.90 amu. from DATA:NCALB01A.D



Ion 327.90 amu. from DATA:NCALB01A.D
COLUMN PERFORMANCE MIX

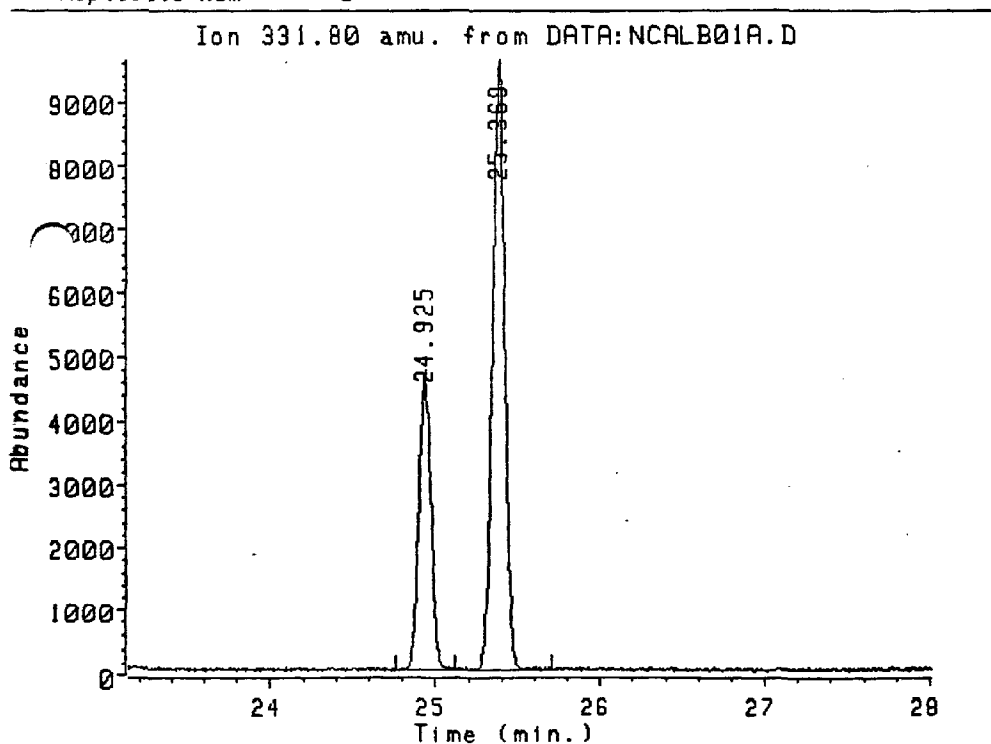
No peaks detected

Data file: DATA:NCALB01A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 6:34 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 1
Replicate num : 1



Ion 331.80 amu. from DATA:NCALB01A.D
COLUMN PERFORMANCE MIX

	Ret Time	Type	Width	Area	Start Time	End Time
1	24.925	BU	0.139	233907	24.760	25.122
2	25.369	UB	0.130	492927	25.122	25.702

024041

Data file: DATA:NCALB01A.D
File type: GC / MS DATA FILE

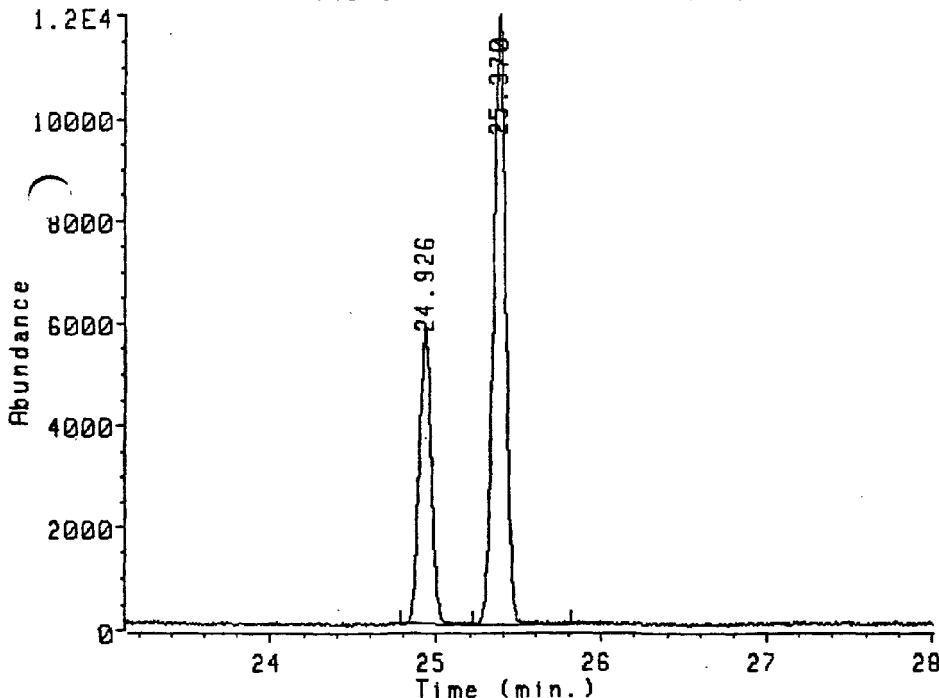
Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : MS OPERATOR

Date : 10 Dec 87 6:34 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 1
Replicate num : 1

024042

Ion 333.80 amu. from DATA:NCALB01A.D



Ion 333.80 amu. from DATA:NCALB01A.D
COLUMN PERFORMANCE MIX

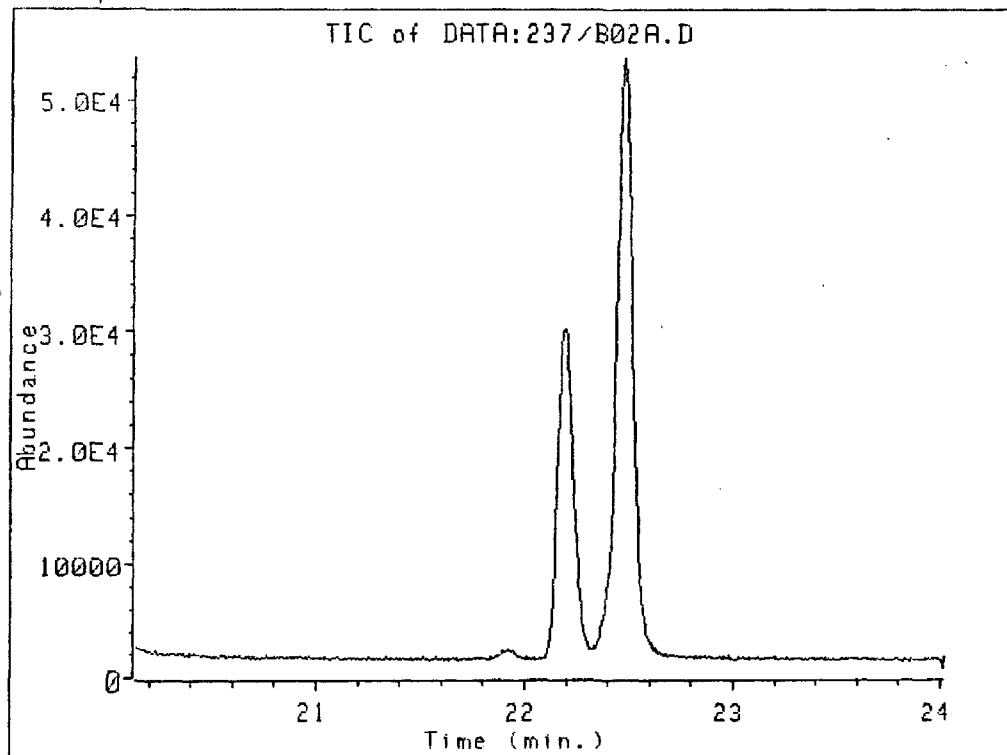
	Ret Time	Type	Width	Area	Start Time	End Time
1	24.926	BU	0.139	289994	24.784	25.219
2	25.370	PB	0.140	611865	25.219	25.822

Data file: DATA:237/B02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 24 Aug 88 7:51 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1



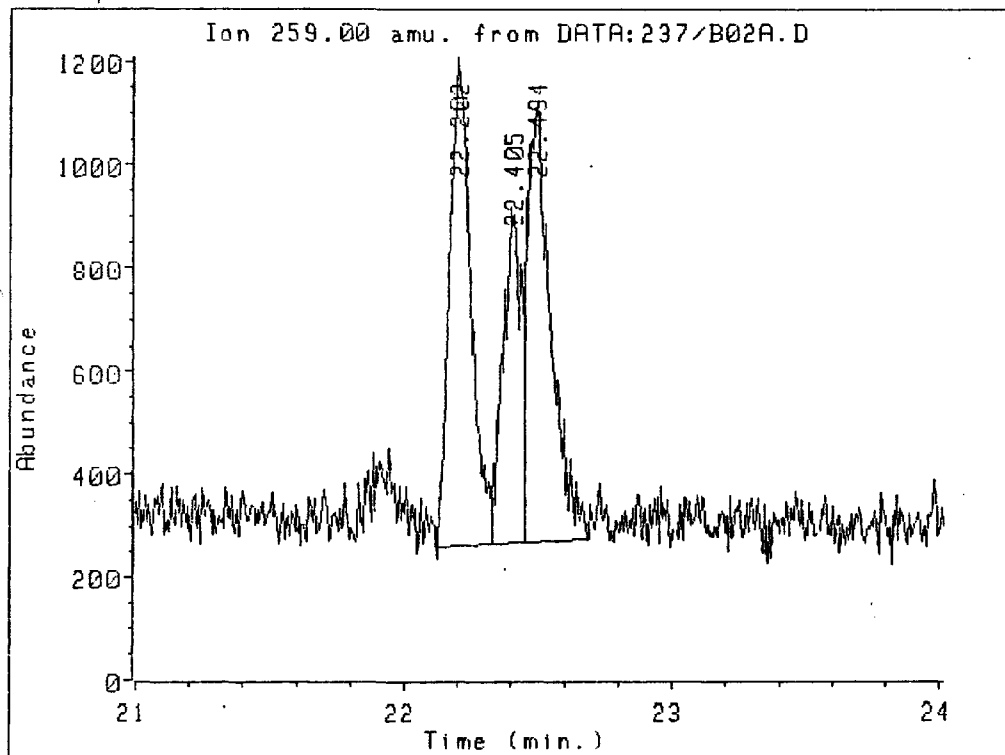
024043

Data file: DATA:237/B02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator: TMS

Date : 24 Aug 88 7:51 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Hls bottle num : 2
Replicate num : 1



Ion 259.00 amu. from DATA:237/B02A.D
COLUMN PERFORMANCE MIX

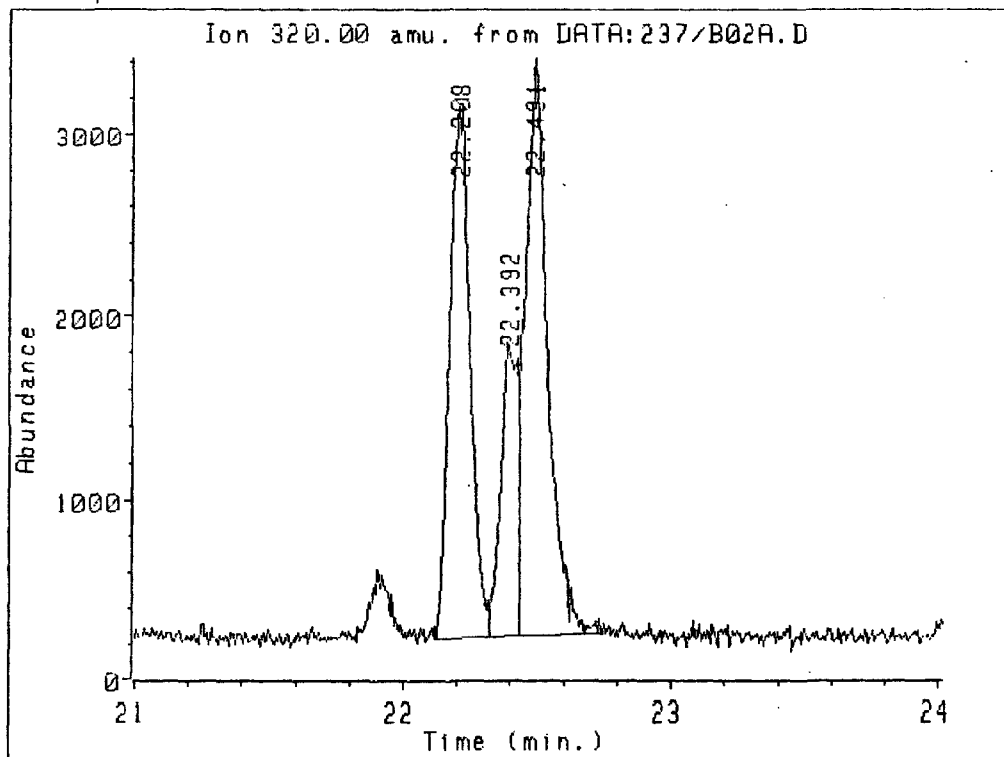
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.202	UV	0.080	52526	22.120	22.328
2	22.405	UV	0.064	29872	22.328	22.447
3	22.494	UV	0.082	51029	22.447	22.683

Data file: DATA:237/B02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 24 Aug 88 7:51 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1



Ion 320.00 amu. from DATA:237/B02A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.208	BU	0.080	155267	22.117	22.322
2	22.392	UU	0.065	68779	22.322	22.432
3	22.491	UB	0.080	182344	22.432	22.735

03274256

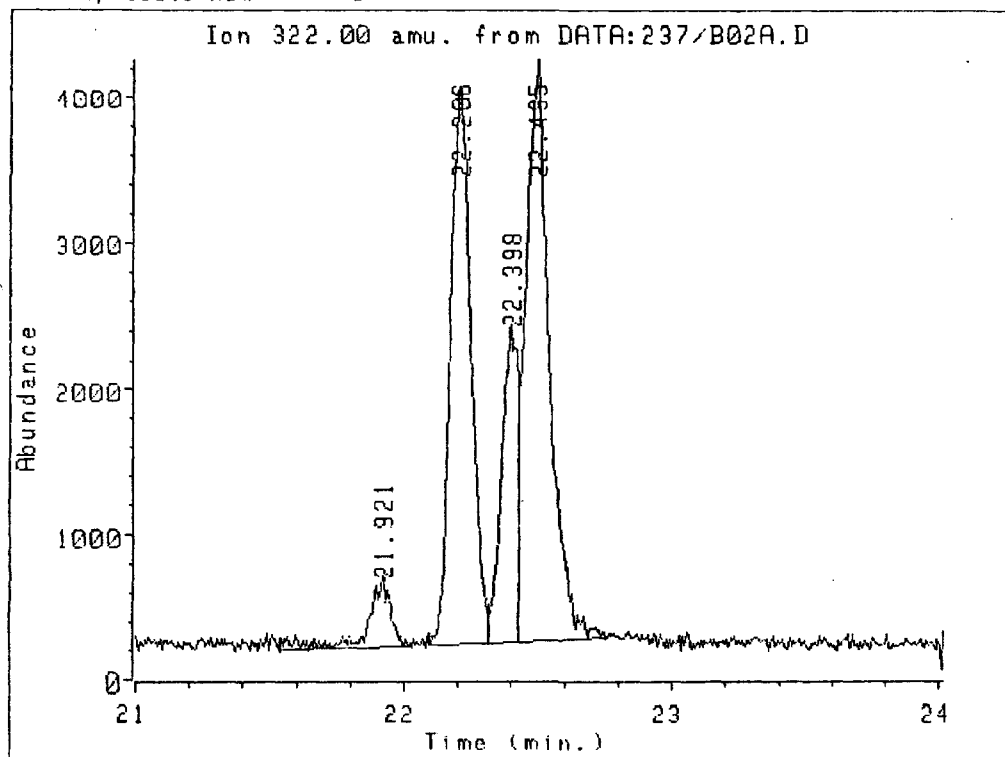
024045

Data file: DATA:237/B02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 24 Aug 88 7:51 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
ALS bottle num : 2
Replicate num : 1



Ion 322.00 amu. from DATA:237/B02A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.921	BB	0.084	29117	21.538	22.031
2	22.206	BV	0.069	204288	22.095	22.317
3	22.398	UV	0.058	88999	22.317	22.429
4	22.495	VB	0.087	244035	22.429	22.757

03274257

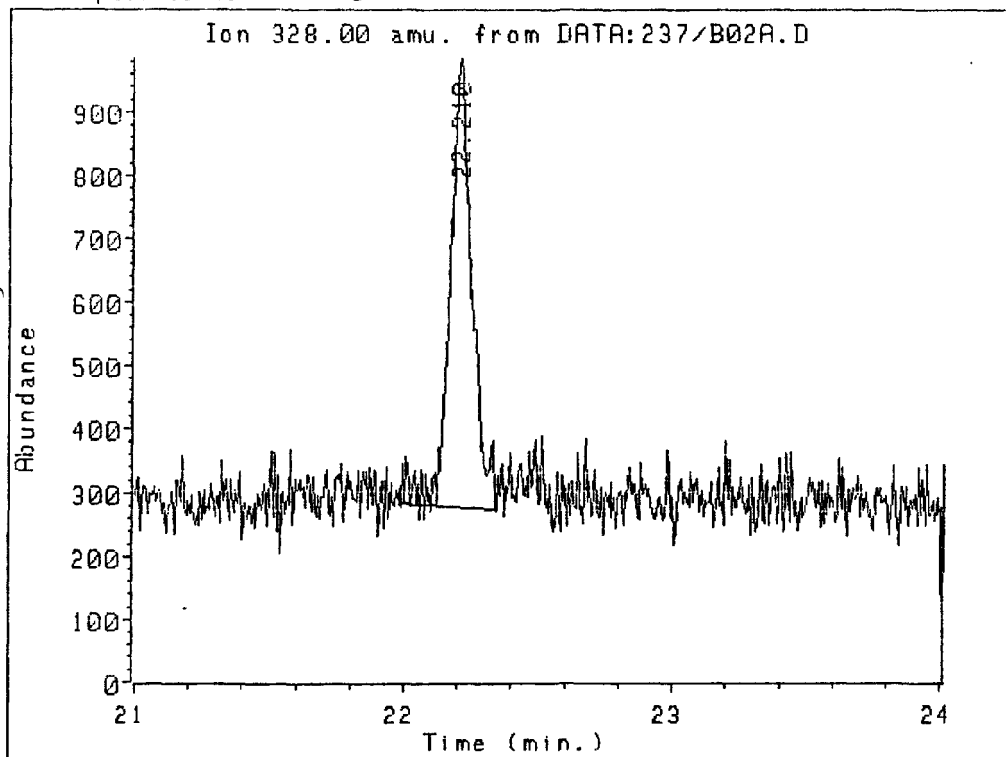
024046

Data file: DATA:237/B02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 24 Aug 88 7:51 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1



Ion 328.00 amu. from DATA:237/B02A.D
COLUMN PERFORMANCE MIX

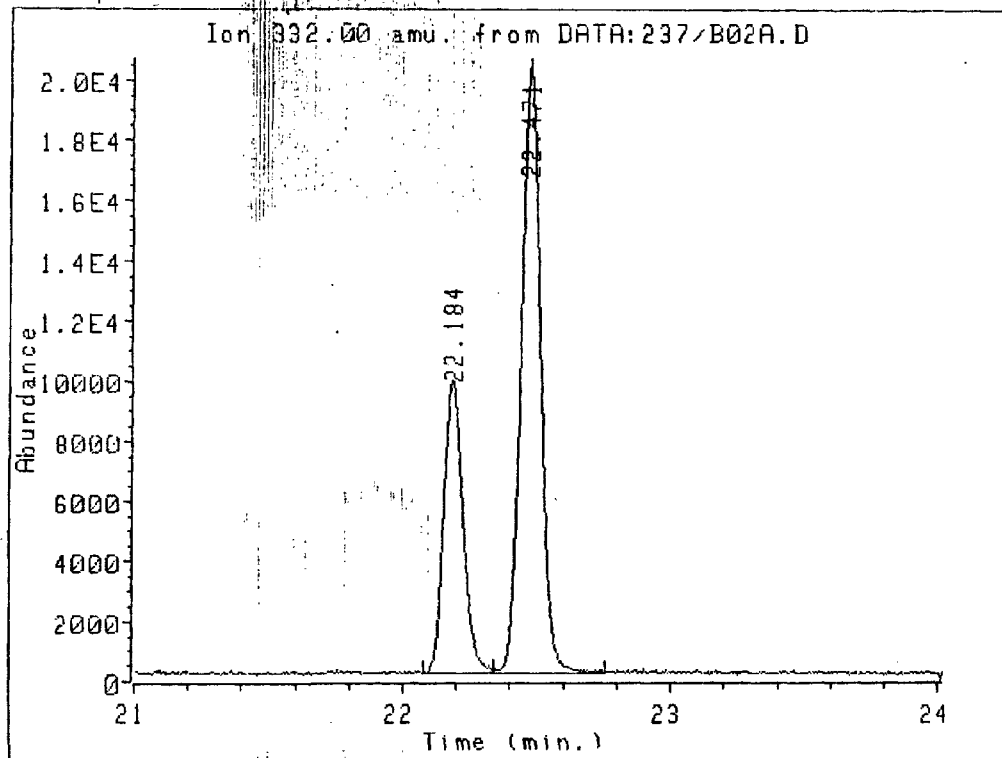
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.210	BU	0.077	40437	21.982	22.343

Data file: DATA:237/B02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 24 Aug 88 7:51 pm
Instrument: MS 5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1



Ion 332.00 amu. from DATA:237/B02A.D
COLUMN PERFORMANCE MIX

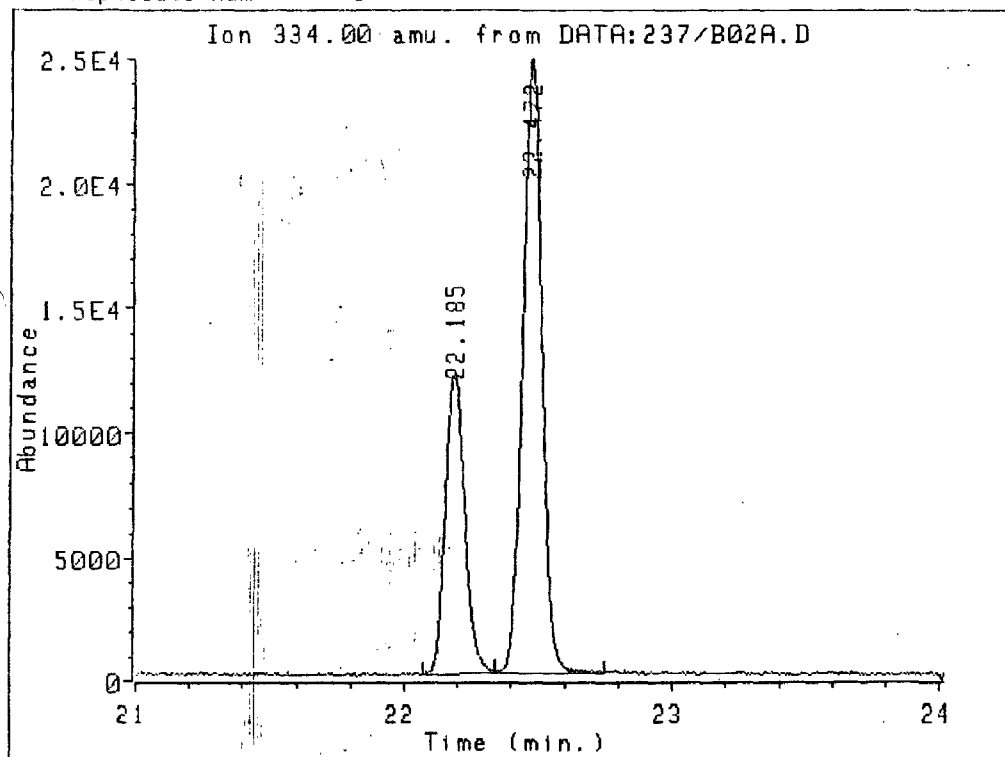
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.184	UB	0.076	494344	22.077	22.339
2	22.471	UB	0.076	1021480	22.339	22.751

Data file: DATA:237/B02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 24 Aug 88 7:51 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
ALS bottle num : 2
Replicate num : 1



Ion 334.00 amu. from DATA:237/B02A.D
COLUMN PERFORMANCE MIX

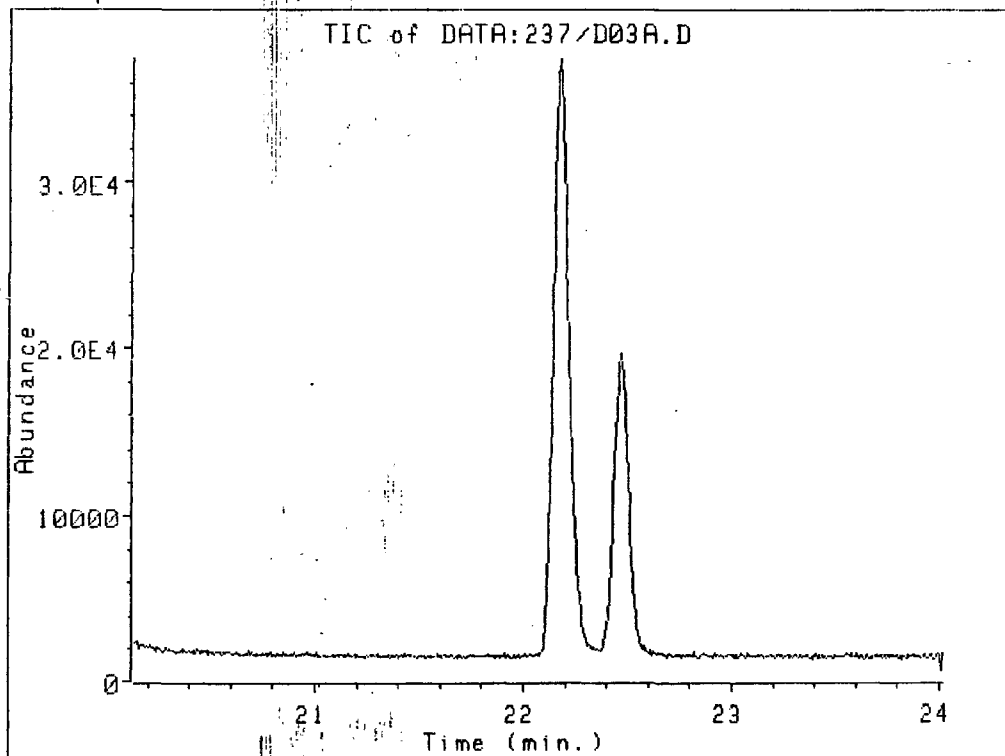
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.185	BV	0.082	624925	22.068	22.340
2	22.472	UV	0.078	1246209	22.340	22.748

Data file: DATA:237/D03A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 8:40 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 3
Replicate num : 1



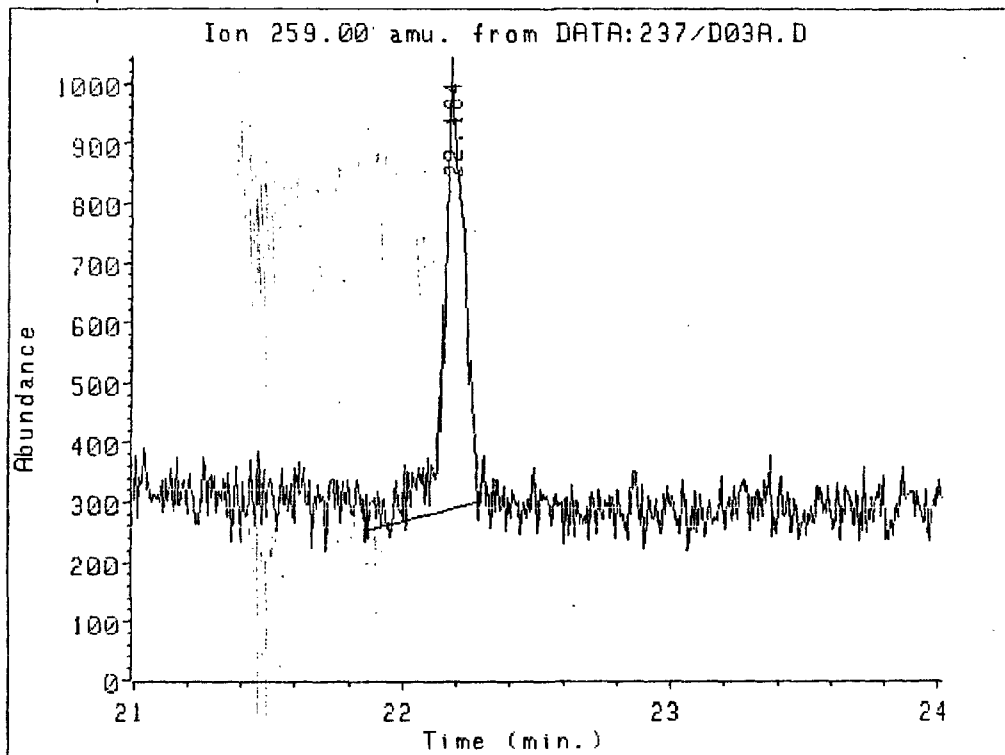
024050

Data file: DATA:237/D03A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 8:40 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 1



Ion 259.00 amu. from DATA:237/D03A.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.184	IBU	0.081	40226	21.866	22.291

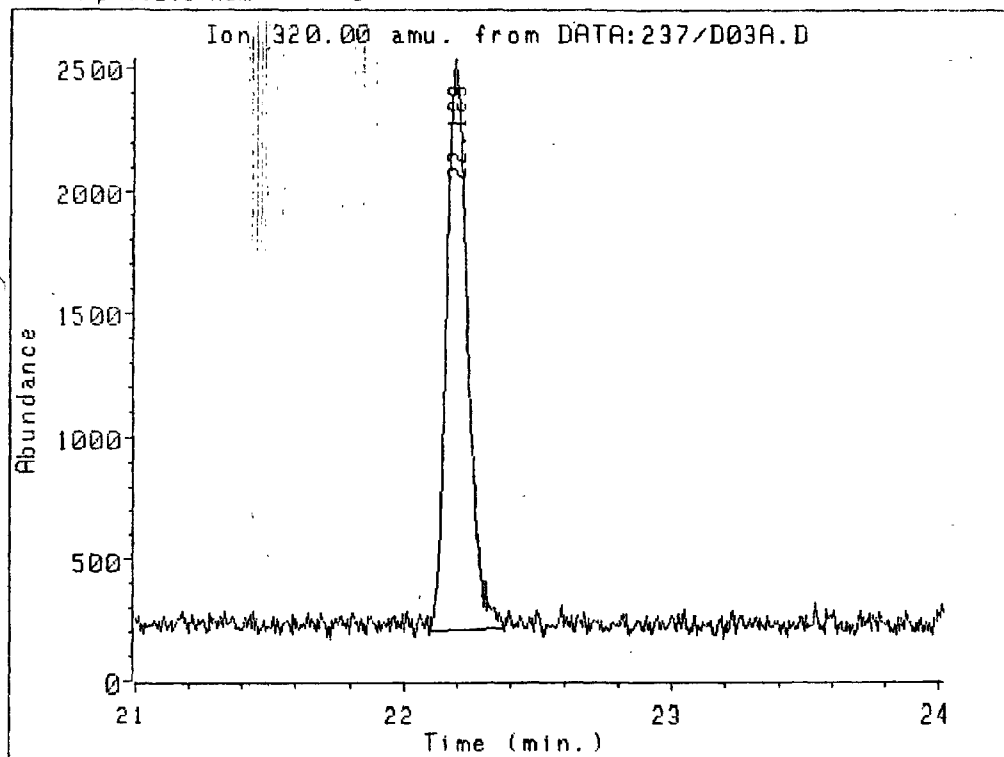
024051

Data file: DATA:237/D03A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 8:40 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 3
Replicate num : 1



Ion 320.00 amu. from DATA:237/D03A.D
CALIBRATION SOLN I

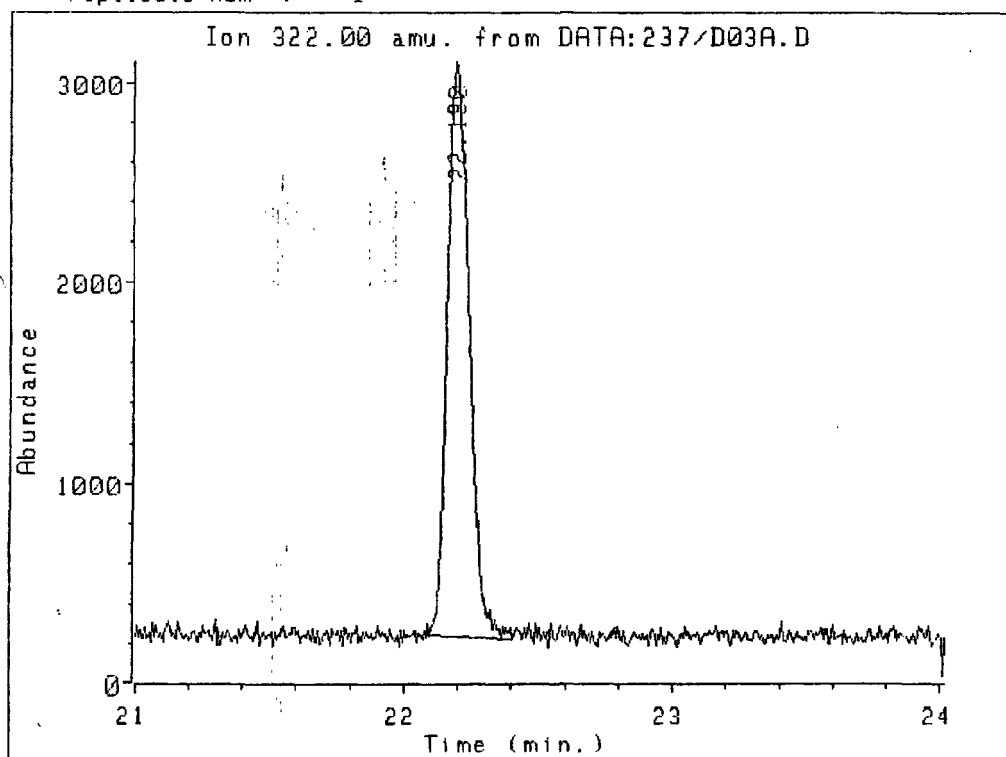
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.189	BU	0.088	128939	22.098	22.374

Data file: DATA:237/D03A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 8:40 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 1



Ion 322.00 amu. from DATA:237/D03A.D
CALIBRATION SOLN I

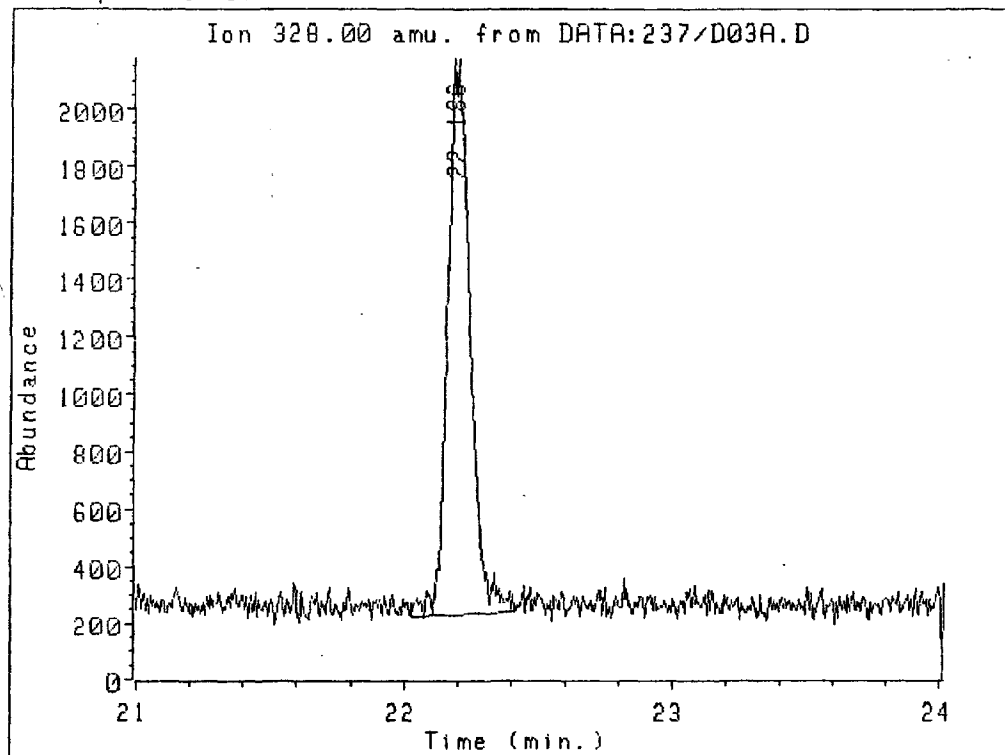
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.190	BB	0.084	164468	22.086	22.405

Data file: DATA:237/D03A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 8:40 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 1



Ion 328.00 amu. from DATA:237/D03A.D
CALIBRATION SOLN I:

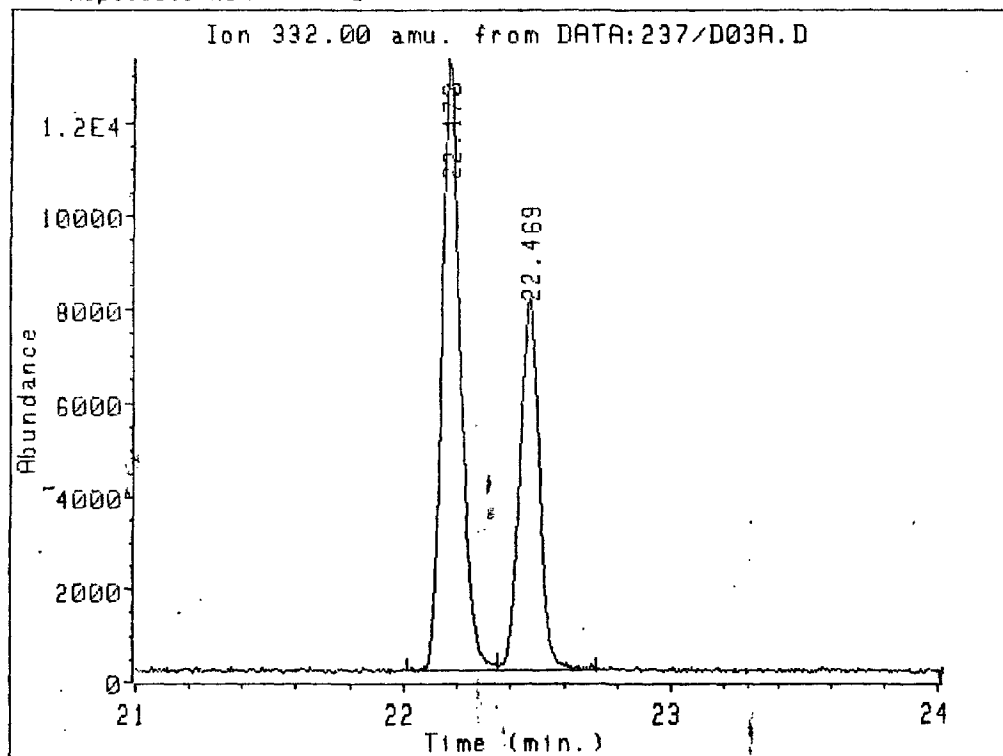
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.186	BB	0.087	113709	22.022	22.411

Data file: DATA:237/D03A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 8:40 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 1



Ion 332.00 amu. from DATA:237/D03A.D
CALIBRATION SOLN I

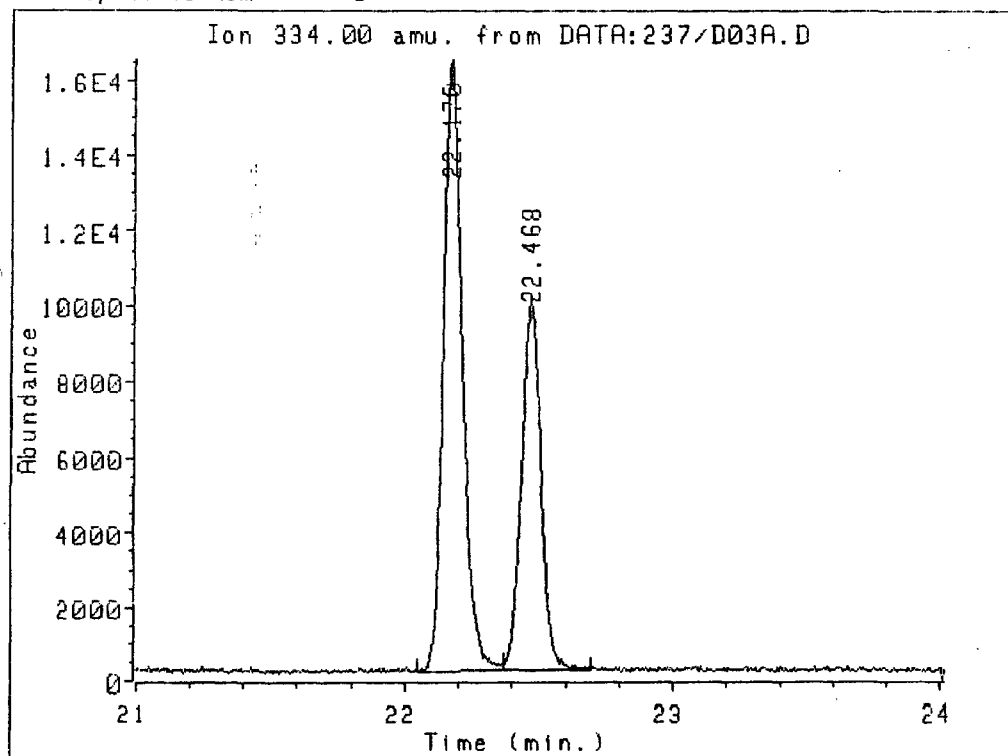
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.170	BU	0.073	645867	22.013	22.353
2	22.469	UB	0.074	410489	22.353	22.717

Data file: DATA:237/D03A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 8:40 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 3
Replicate num : 1



Ion 334.00 amu. from DATA:237/D03A.D
CALIBRATION SOLN I

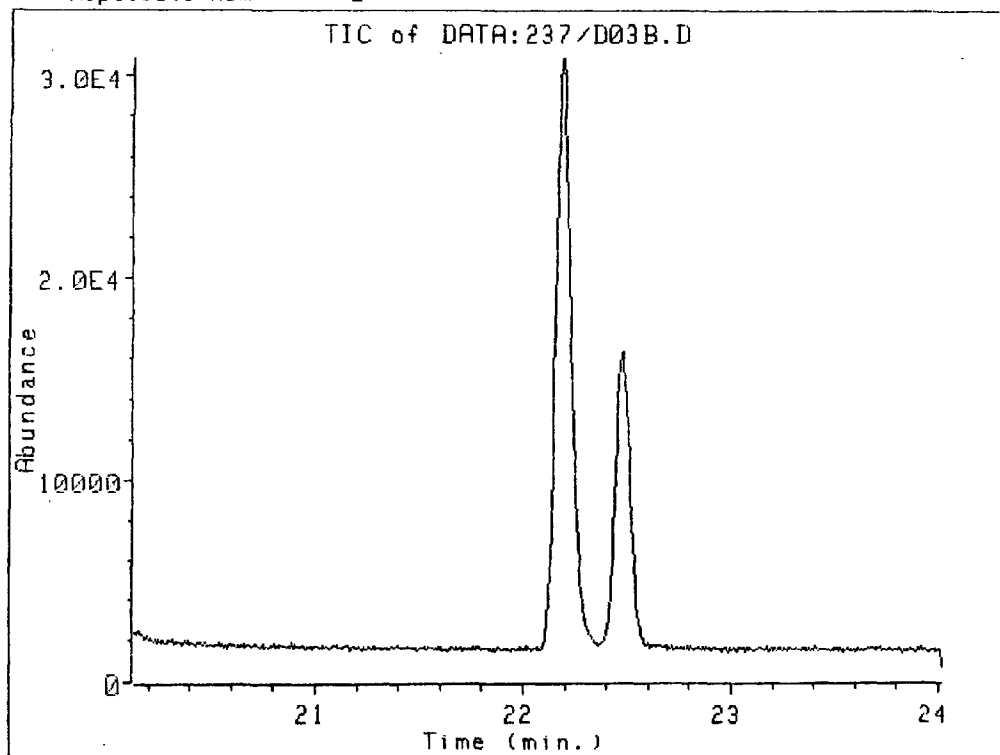
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.170	BU	0.078	819059	22.049	22.368
2	22.468	UB	0.078	502201	22.368	22.696

Data file: DATA:237/D03B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:13 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 2



024057

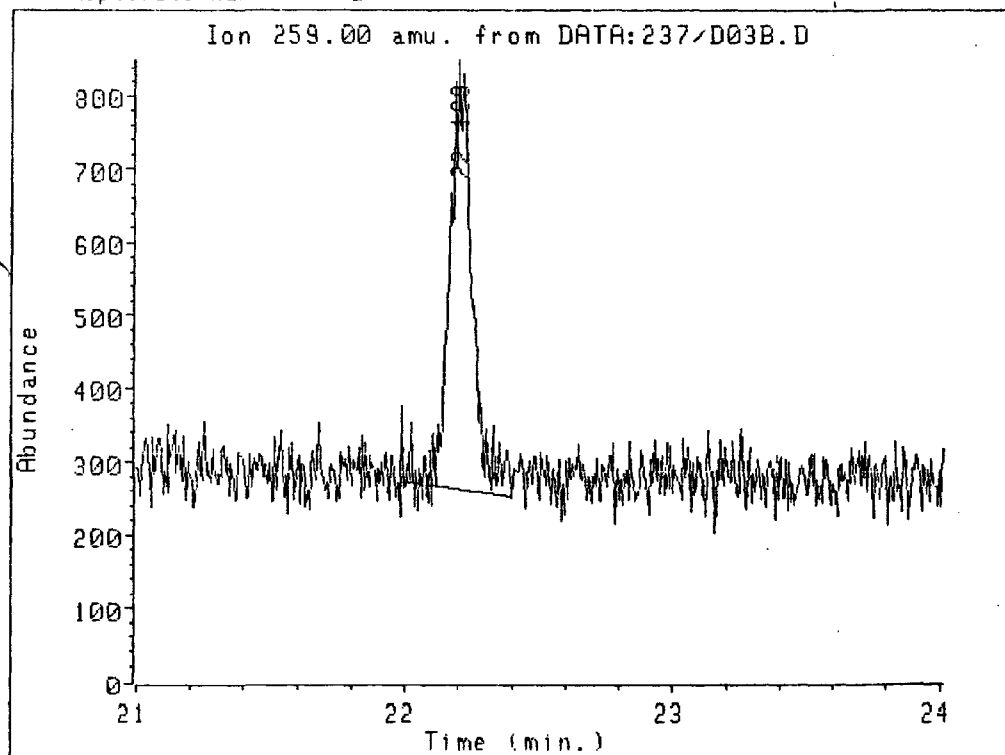
4 2331

Data file: DATA:237/D03B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:13 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 2



Ion 259.00 amu. from DATA:237/D03B.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.199	BB	0.083	34111	22.002	22.397

024058

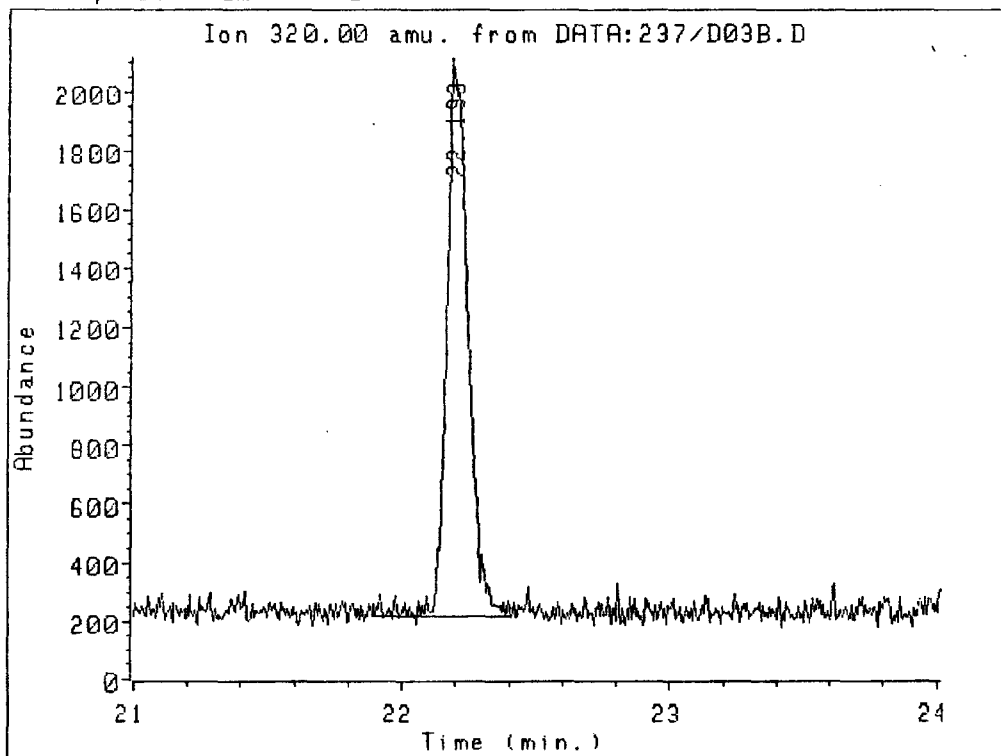
03224269

Data file: DATA:237/D03B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:13 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 2



Ion 320.00 amu. from DATA:237/D03B.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.193	BB	0.084	106305	21.895	22.409

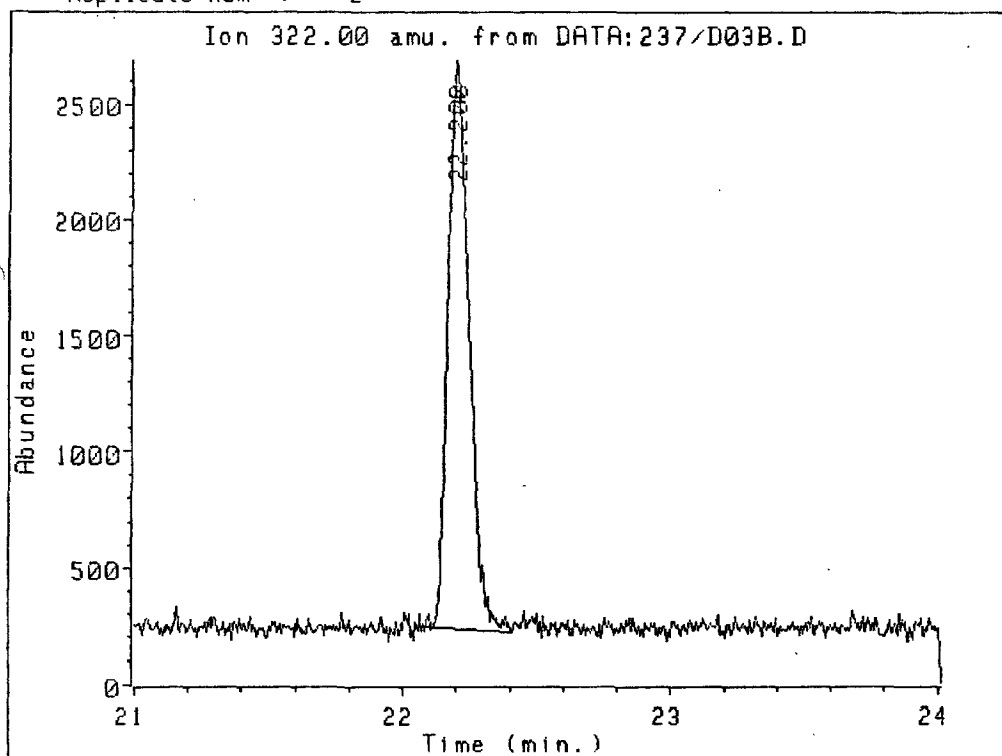
024059

Data file: DATA:237/D03B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:13 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 3
Replicate num : 2



Ion 322.00 amu. from DATA:237/D03B.D
CALIBRATION SOLN I

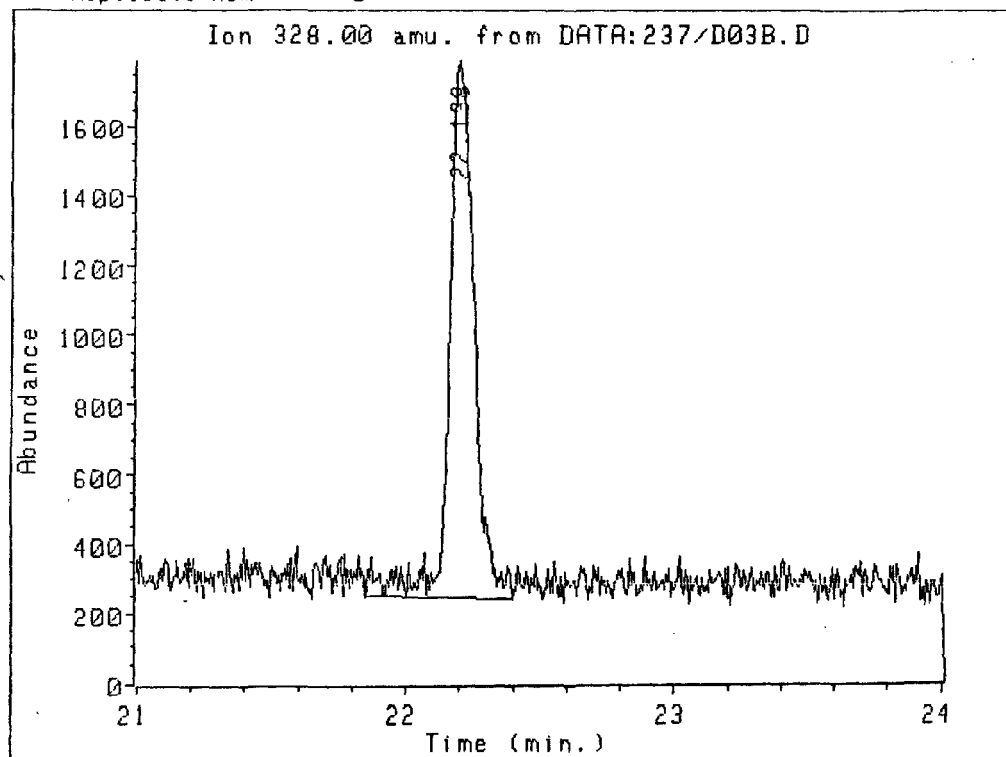
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.200	BV	0.082	134799	22.060	22.409

Data file: DATA:237/D03B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:13 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 2



Ion 328.00 amu. from DATA:237/D03B.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.198	BU	0.096	100393	21.849	22.397

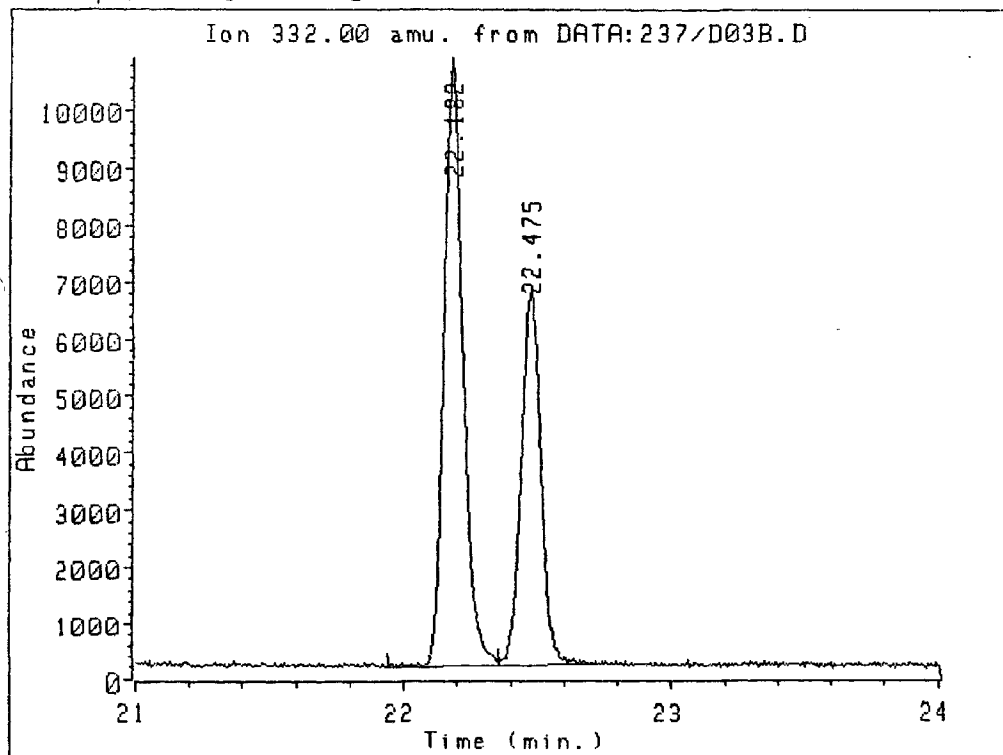
024061

Data file: DATA:237/D03B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN 1
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:13 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 2



Ion 332.00 amu. from DATA:237/D03B.D
CALIBRATION SOLN 1

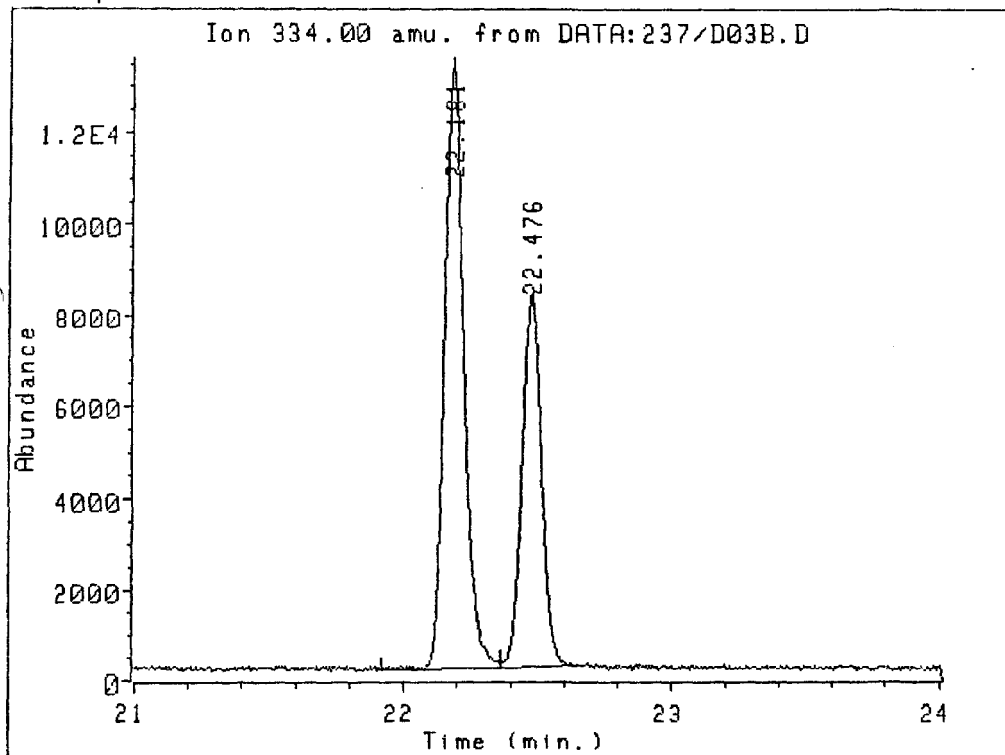
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.182	BU	0.078	531465	21.938	22.356
2	22.475	UB	0.079	343601	22.356	22.722

Data file: DATA:237/D03B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:13 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 3
Replicate num : 2



Ion 334.00 amu. from DATA:237/D03B.D
CALIBRATION SOLN I

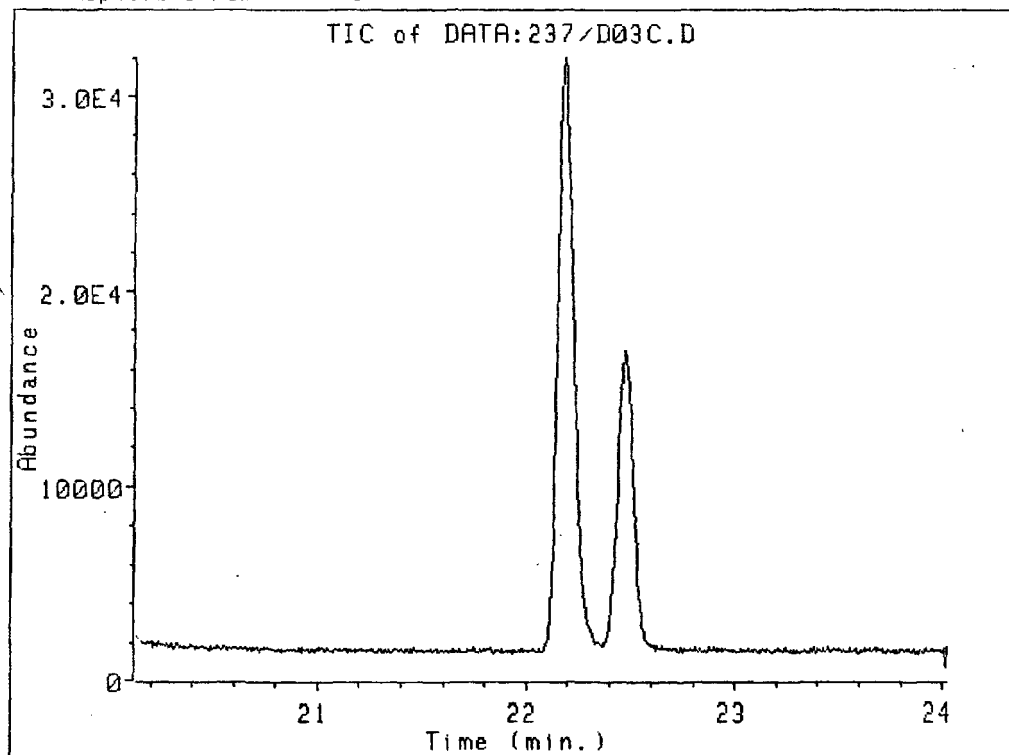
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.181	BU	0.077	676173	21.919	22.363
2	22.476	UU	0.077	415558	22.363	22.670

Data file: DATA:237/D03C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:46 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 3



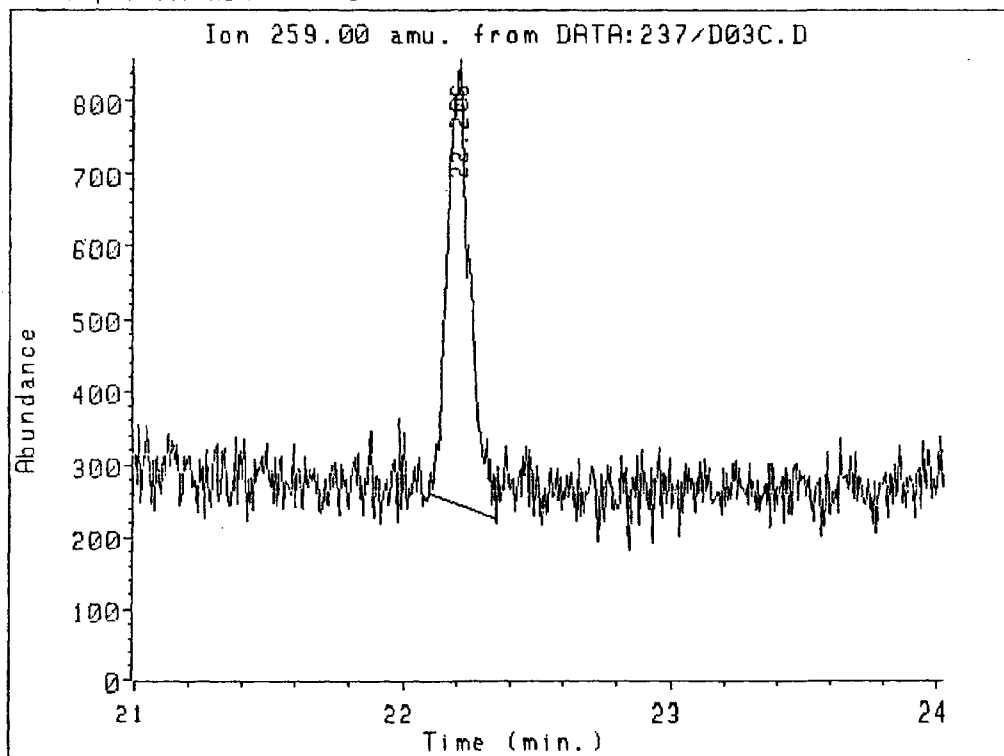
024064

Data file: DATA:237/D03C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:46 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 3



Ion 259.00 amu. from DATA:237/D03C.D
CALIBRATION SOLN I

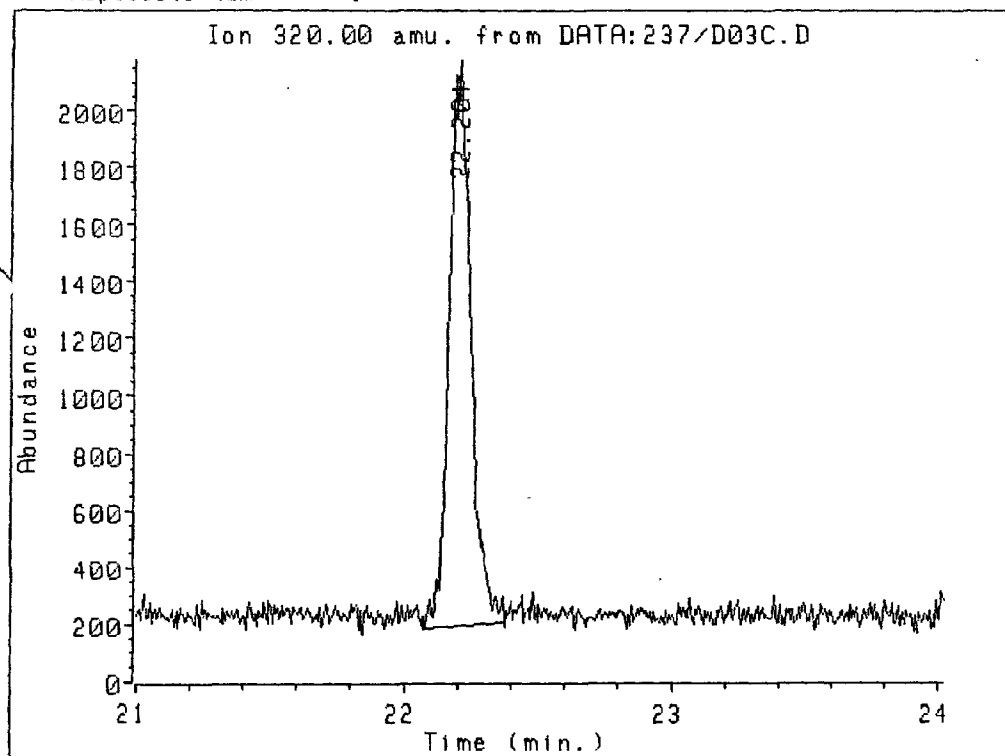
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.206	BV	0.079	36137	22.095	22.346

Data file: DATA:237/D03C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:46 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 3
Replicate num : 3



Ion 320.00 amu. from DATA:237/D03C.D
CALIBRATION SOLN I

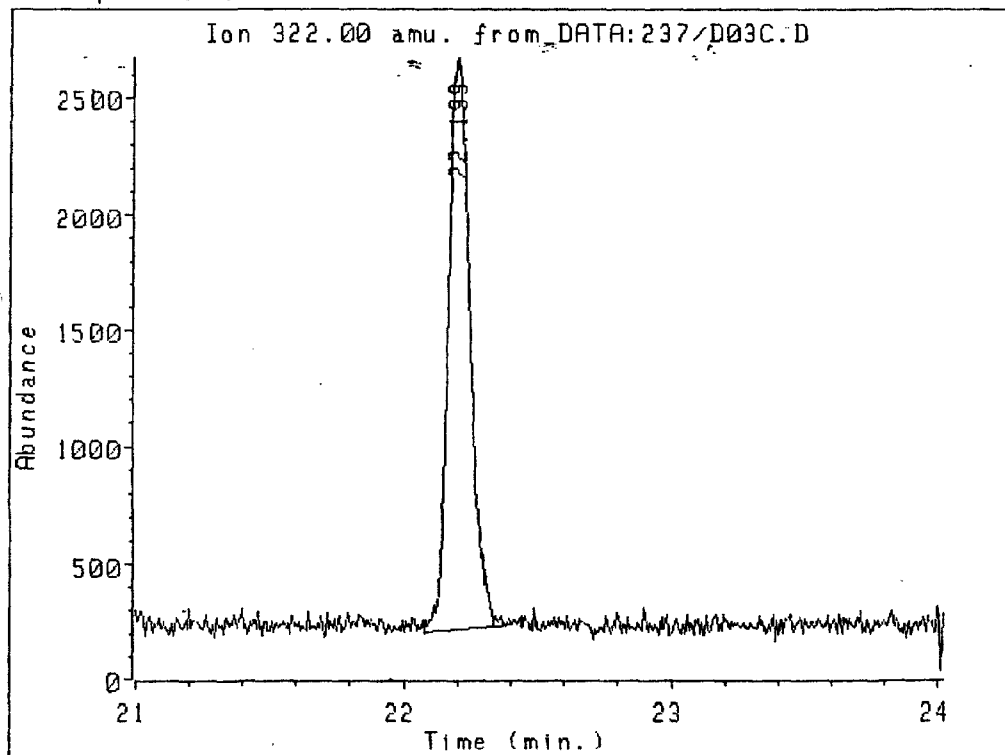
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.204	BB	0.073	112658	22.071	22.377

Data file: DATA:237/D03C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:46 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 3



Ion 322.00 amu. from DATA:237/D03C.D
CALIBRATION SOLN I

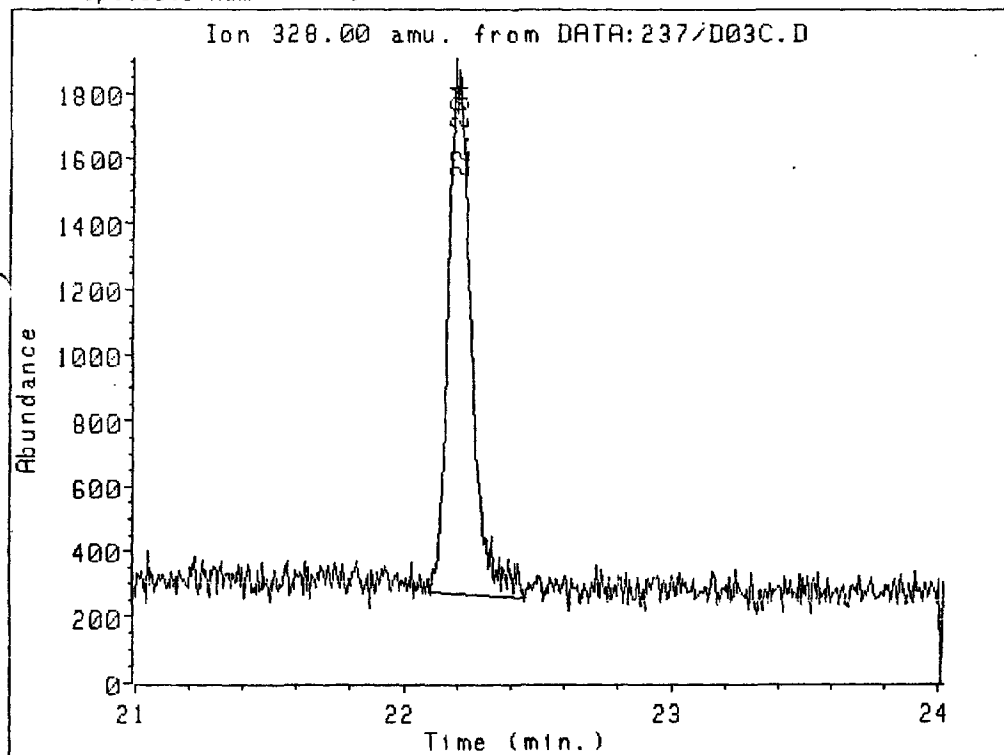
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.199	BB	0.079	139941	22.077	22.404

Data file: DATA:237/D03C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TNS

Date : 24 Aug 88 9:46 pm
Instrument: NS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 3
Replicate num : 3



Ion 328.00 amu. from DATA:237/D03C.D
CALIBRATION SOLN I

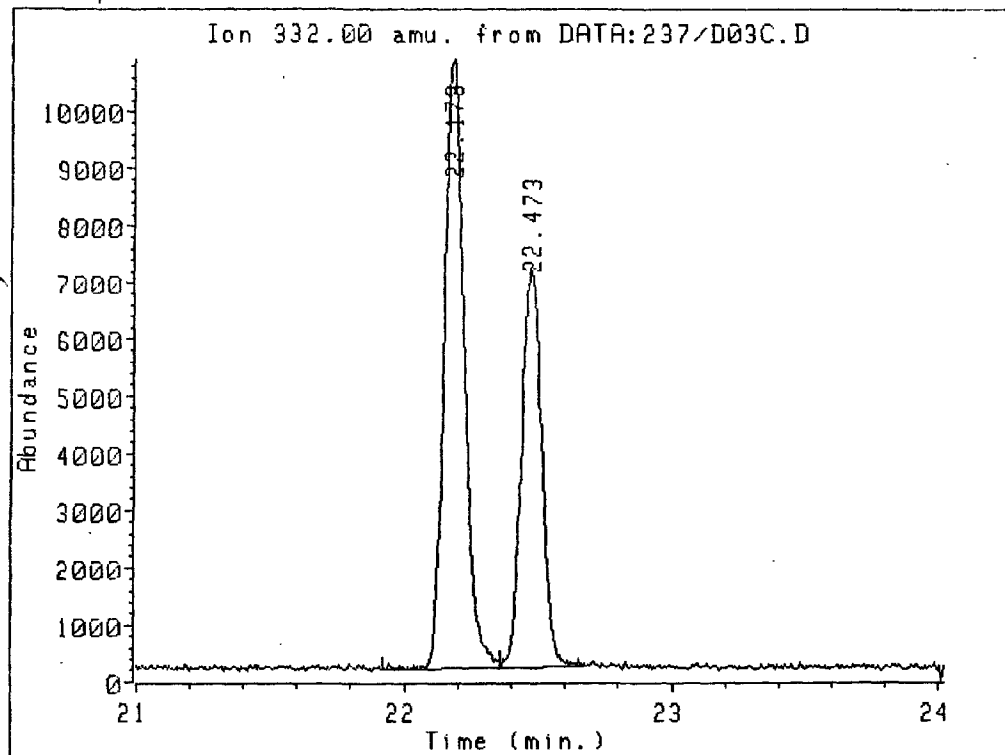
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.204	BB	0.076	97687	22.098	22.456

Data file: DATA:237/D03C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:46 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 3



Ion 332.00 amu. from DATA:237/D03C.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.179	BU	0.078	558377	21.918	22.362
2	22.473	UU	0.072	356427	22.362	22.683

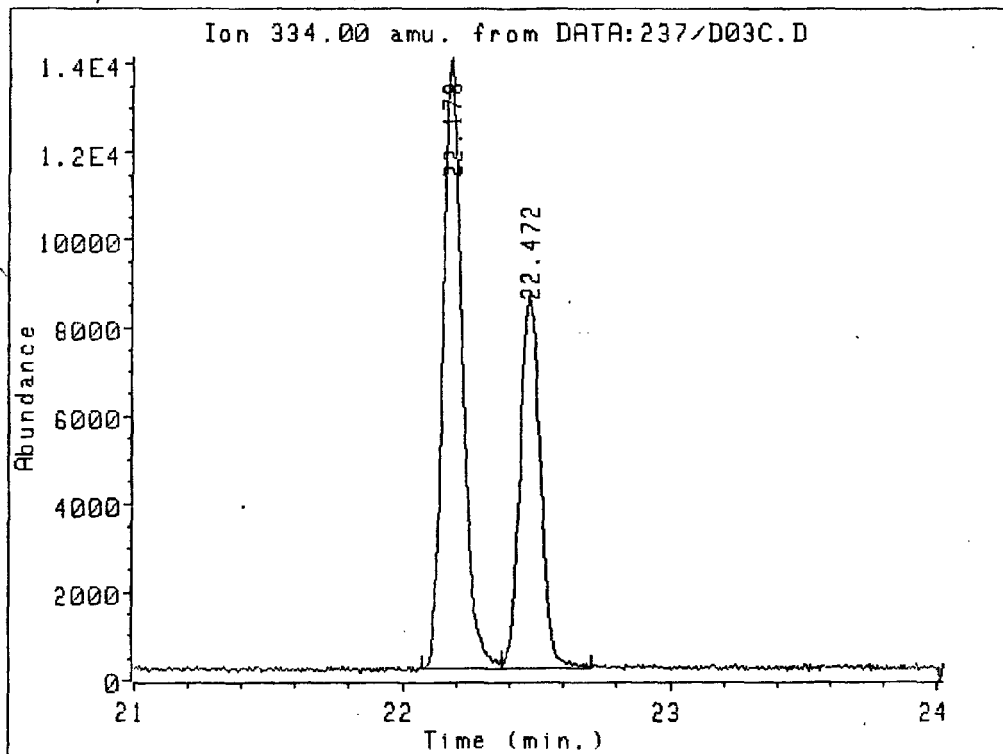
Data file: DATA:237/D03C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 24 Aug 88 9:46 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 3
Replicate num : 3

024070



Ion 334.00 amu. from DATA:237/D03C.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.178	BU	0.079	698782	22.074	22.371
2	22.472	UU	0.078	435585	22.371	22.701

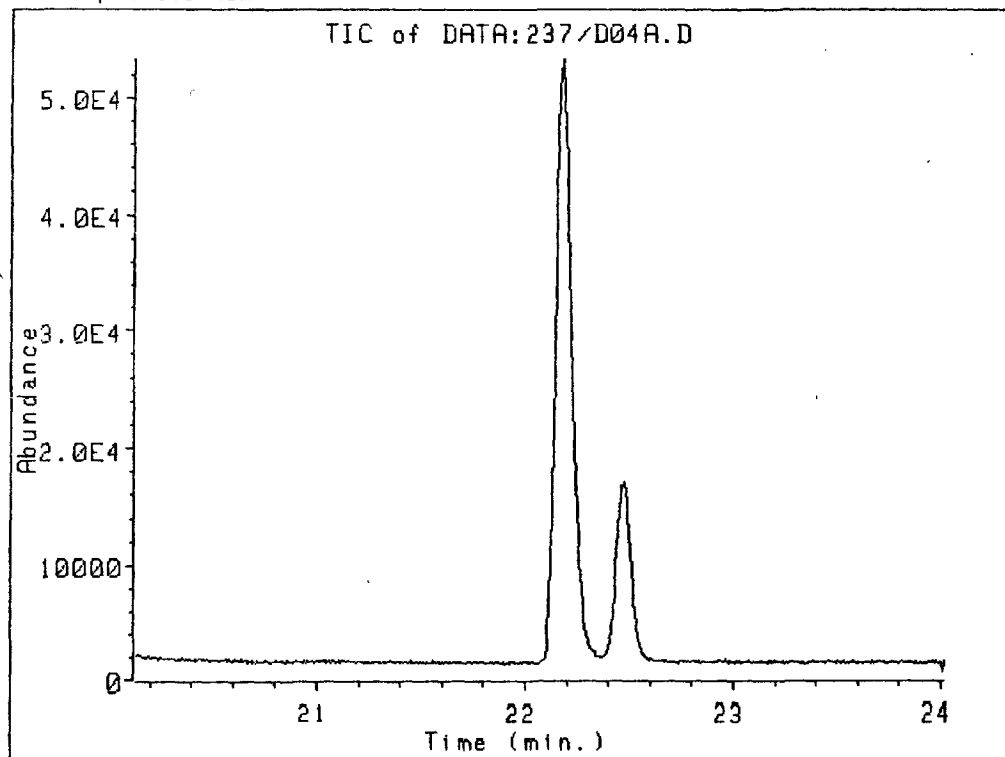
03224281

Data file: DATA:237/D04A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:19 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 1



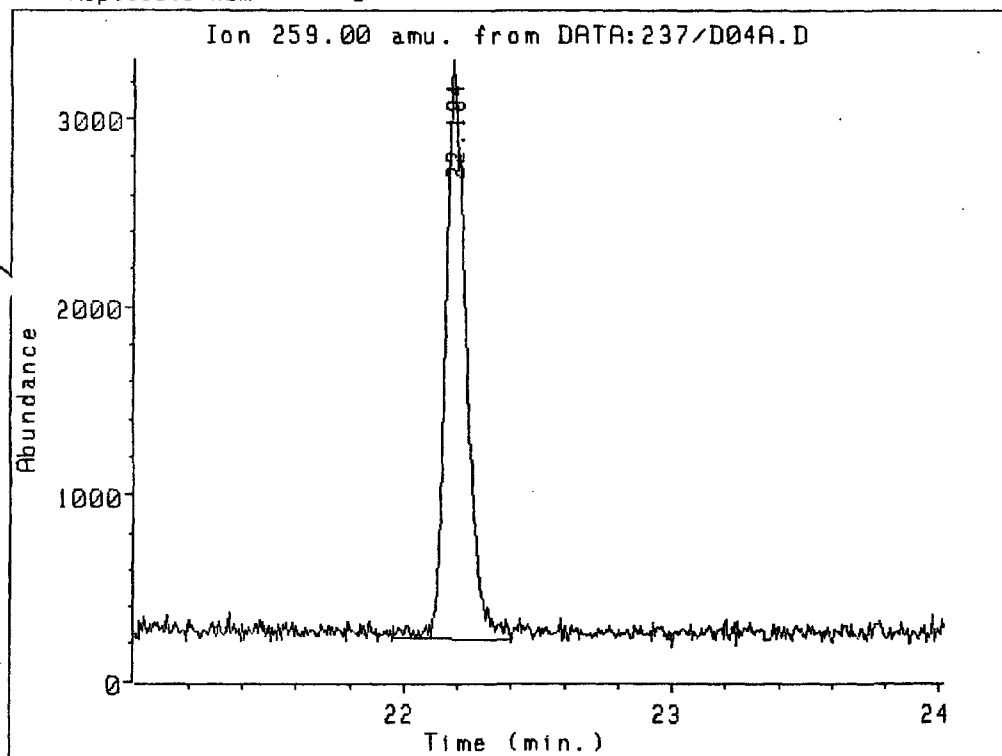
024071

Data file: DATA:237/D04A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:19 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 1



Ion 259.00 amu. from DATA:237/D04A.D
CALIBRATION SOLN II

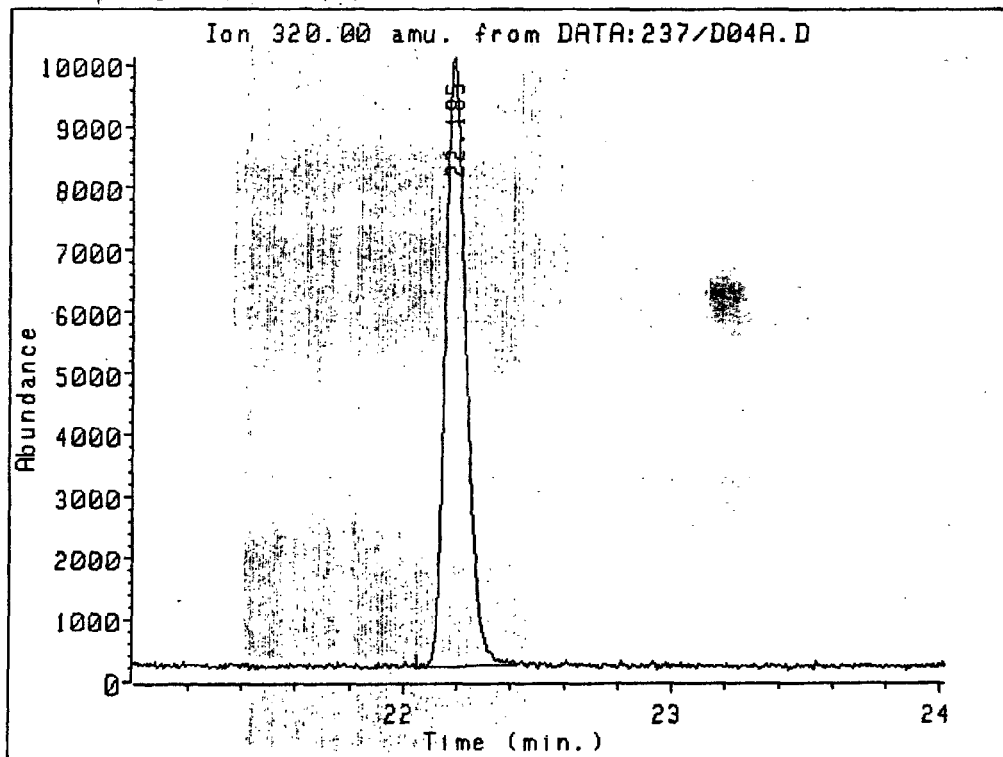
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.184	BV	0.078	167945	21.959	22.399

Data file: DATA:237/D04A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:19 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 1



Ion 320.00 amu. from DATA:237/D04A.D
CALIBRATION SOLN II

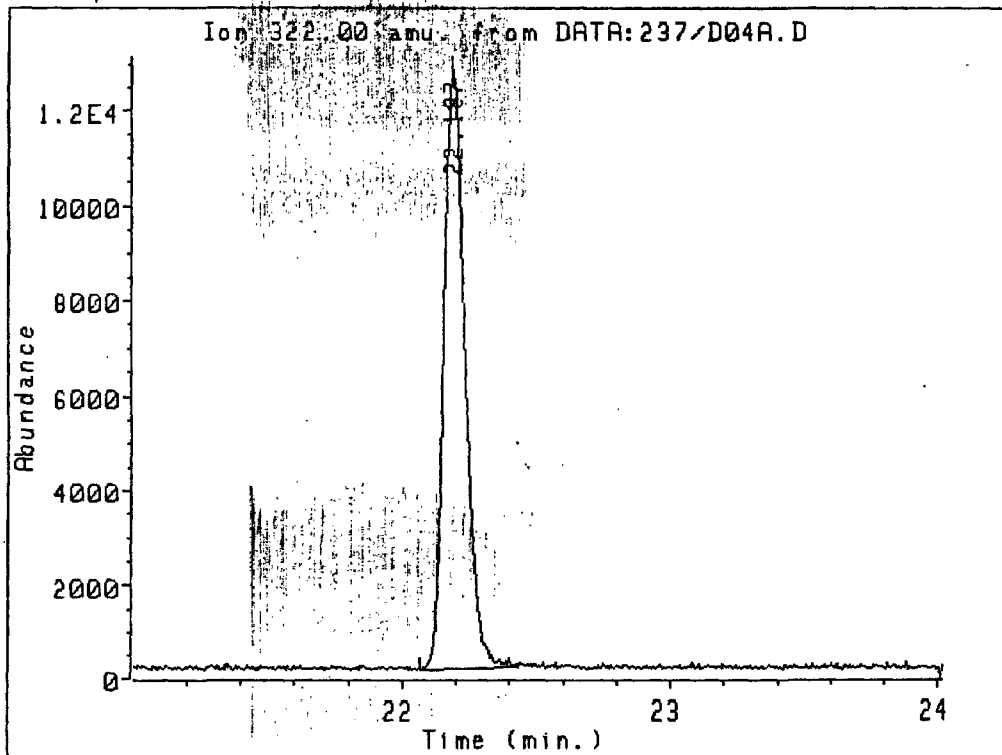
Peak#	Ret Time	Type	Area	Start Time	End Time
1	22.195	BU	539480	22.050	22.421

Data file: DATA:237/D04A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:19 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 1



Ion 322.00 amu. from DATA:237/D04A.D
CALIBRATION SOLN II

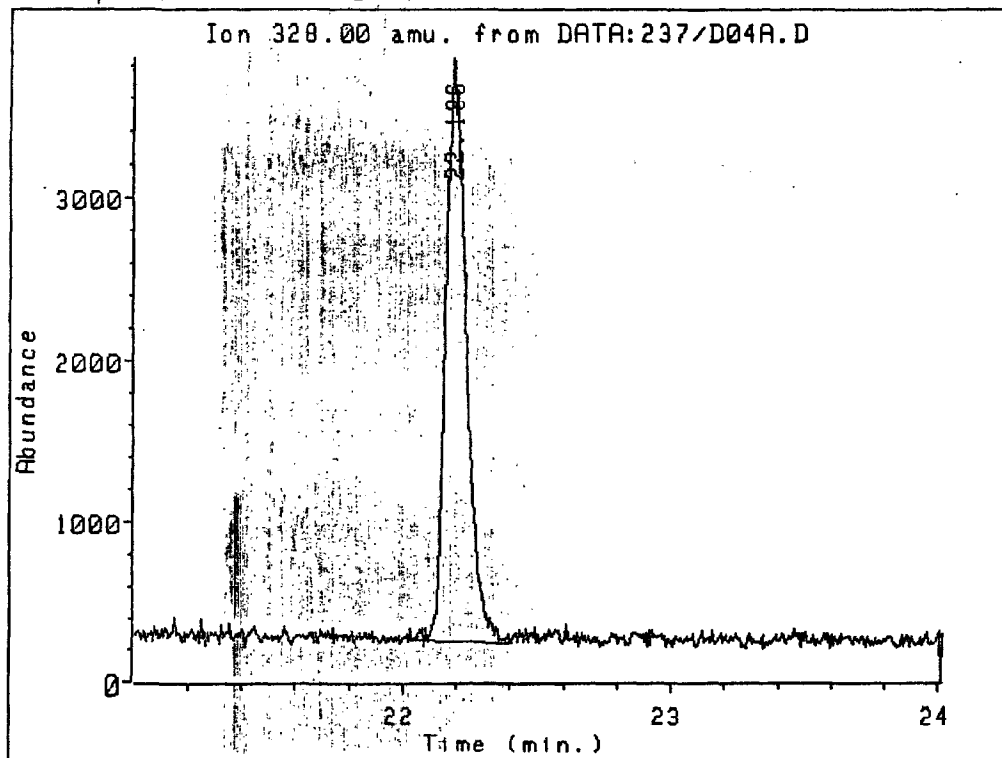
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.187	BB	0.086	701310	22.066	22.433

Data file: DATA:237/D04A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I1
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:19 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 4
Replicate num : 1



Ion 328.00 amu. from DATA:237/D04A.D
CALIBRATION SOLN I1

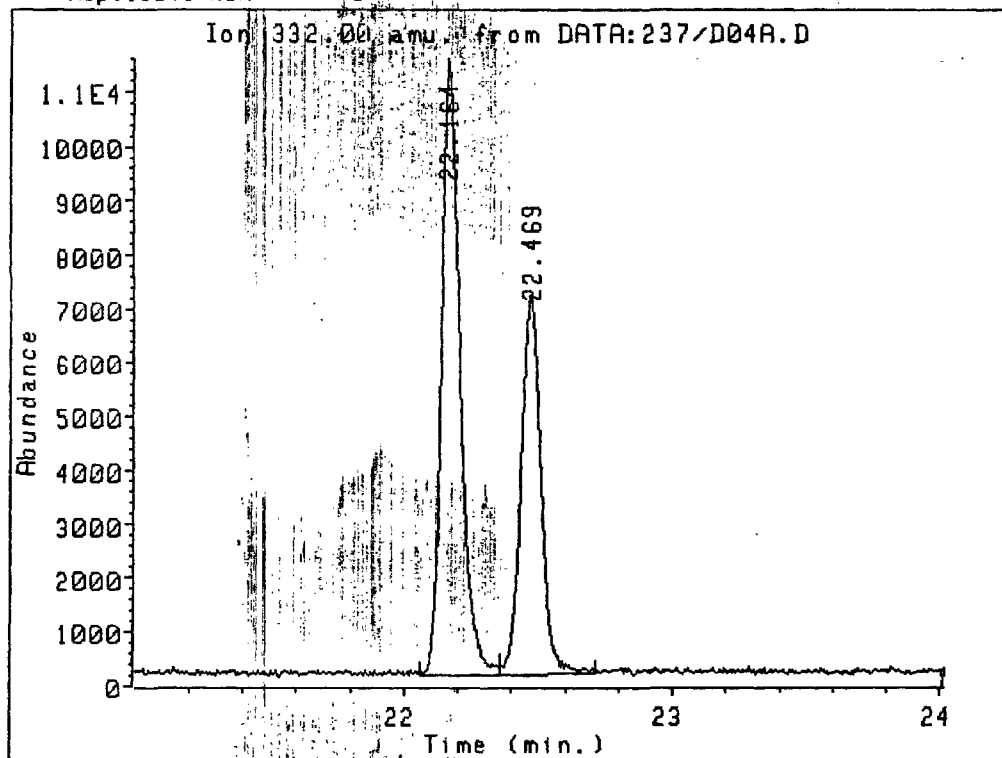
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.186	BB	0.072	194962	22.026	22.405

Data file: DATA:237/D04A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:19 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 1



Ion 332.00 amu. from DATA:237/D04A.D
CALIBRATION SOLN II

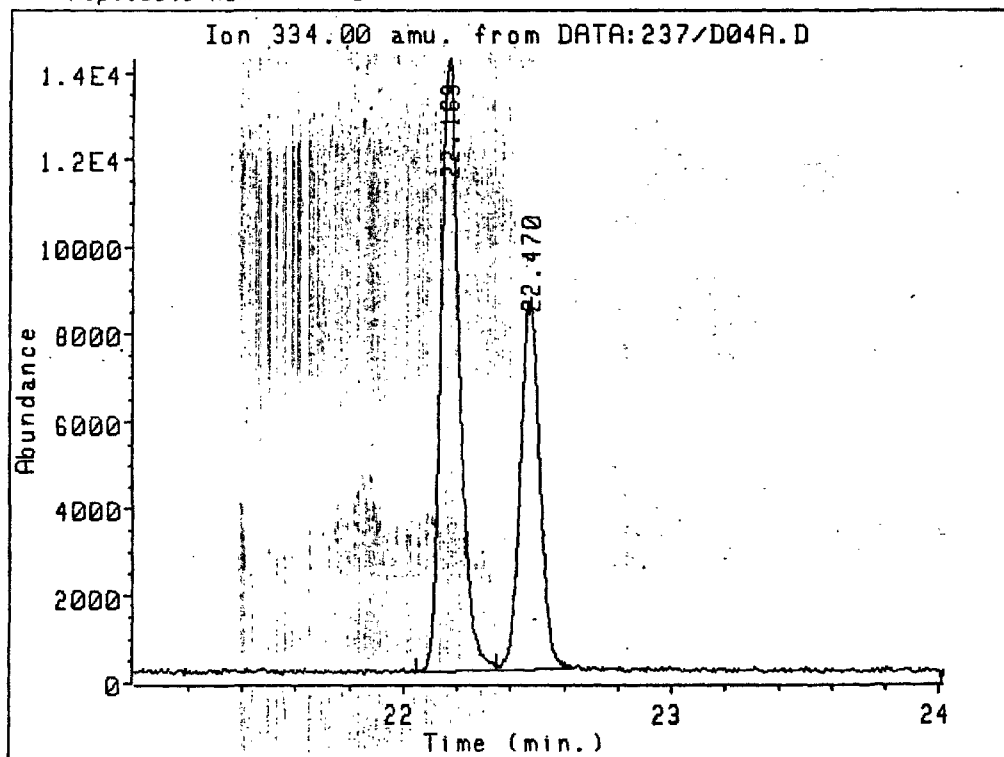
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.164	BU	0.077	554823	22.060	22.357
2	22.469	UU	0.081	362473	22.357	22.712

Data file: DATA:237/D04A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:19 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 1



Ion 334.00 amu. from DATA:237/D04A.D
CALIBRATION SOLN II

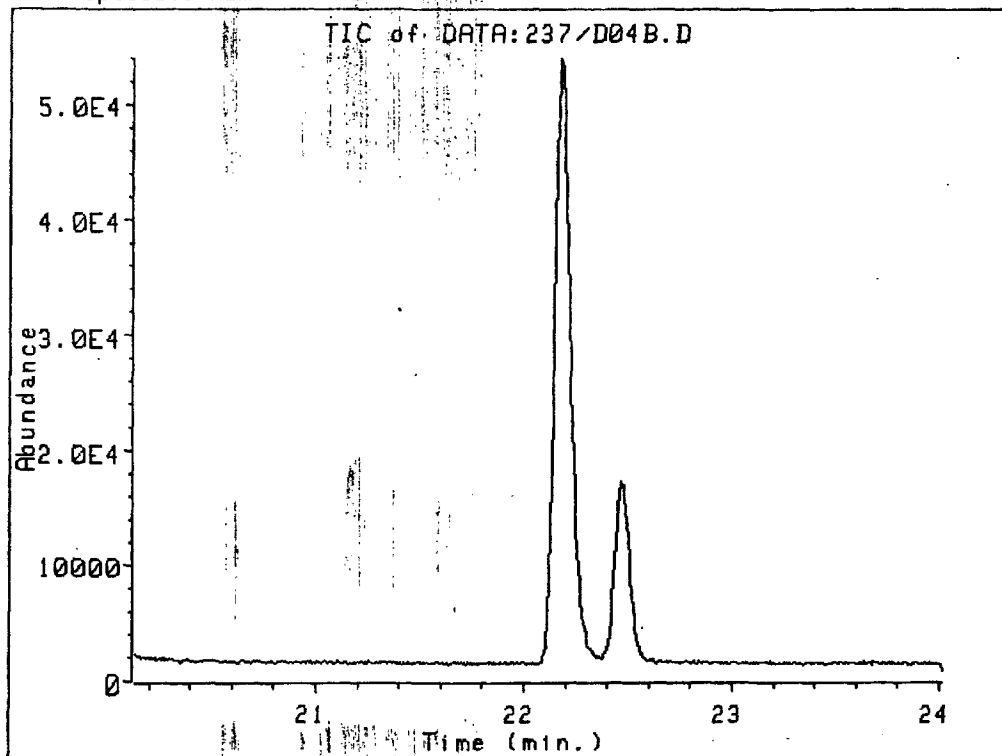
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.169	BV	0.073	691560	22.047	22.347
2	22.470	UV	0.082	433397	22.347	22.632

Data file: DATA:237/D04B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN 11
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:52 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 2



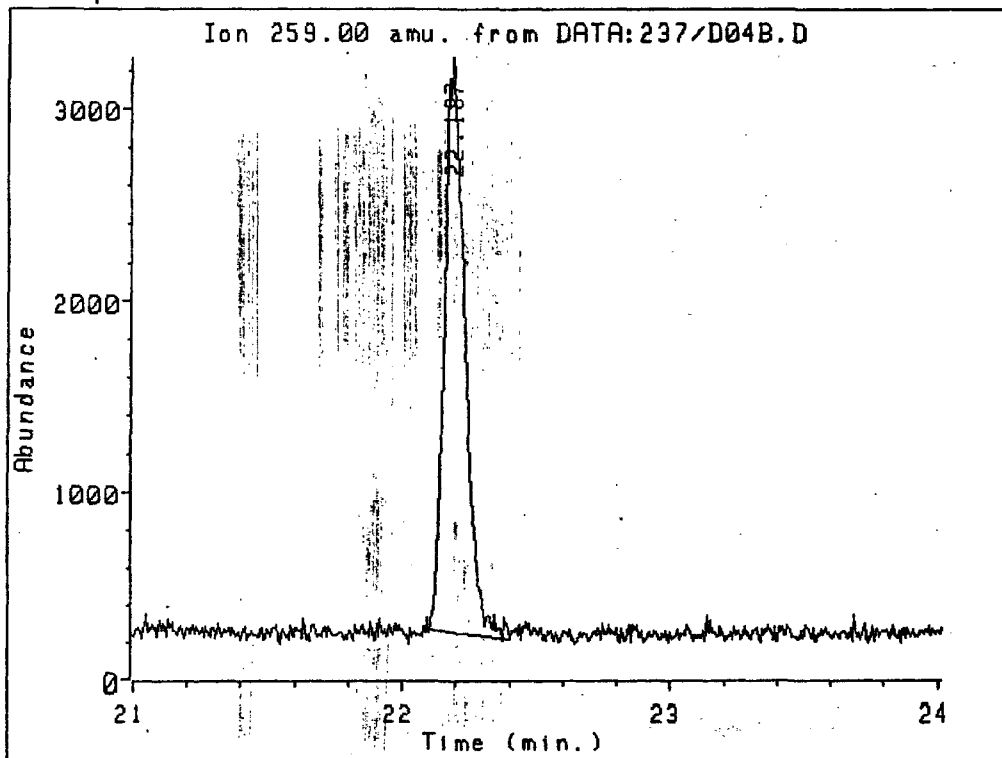
024078

Data file: DATA:237/D04B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:52 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 4
Replicate num : 2



Ion 259.00 amu. from DATA:237/D04B.D
CALIBRATION SOLN II

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.187	BU	0.076	161874	22.091	22.404

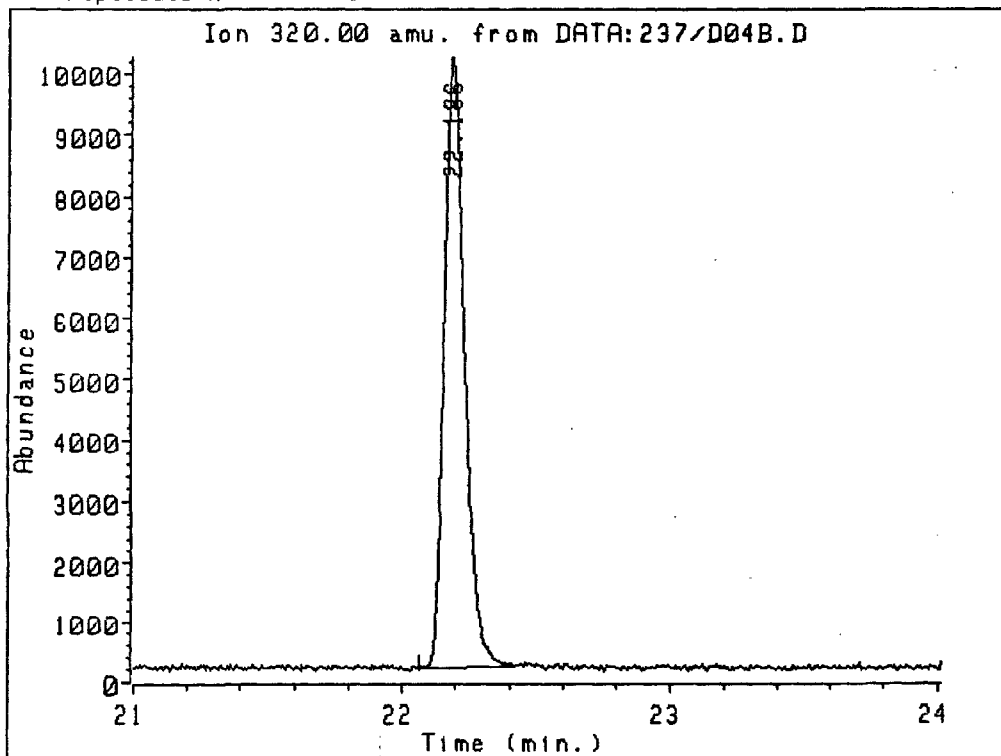
024079

Data file: DATA:237/D04B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:52 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 2



Ion 320.00 amu. from DATA:237/D04B.D
CALIBRATION SOLN II

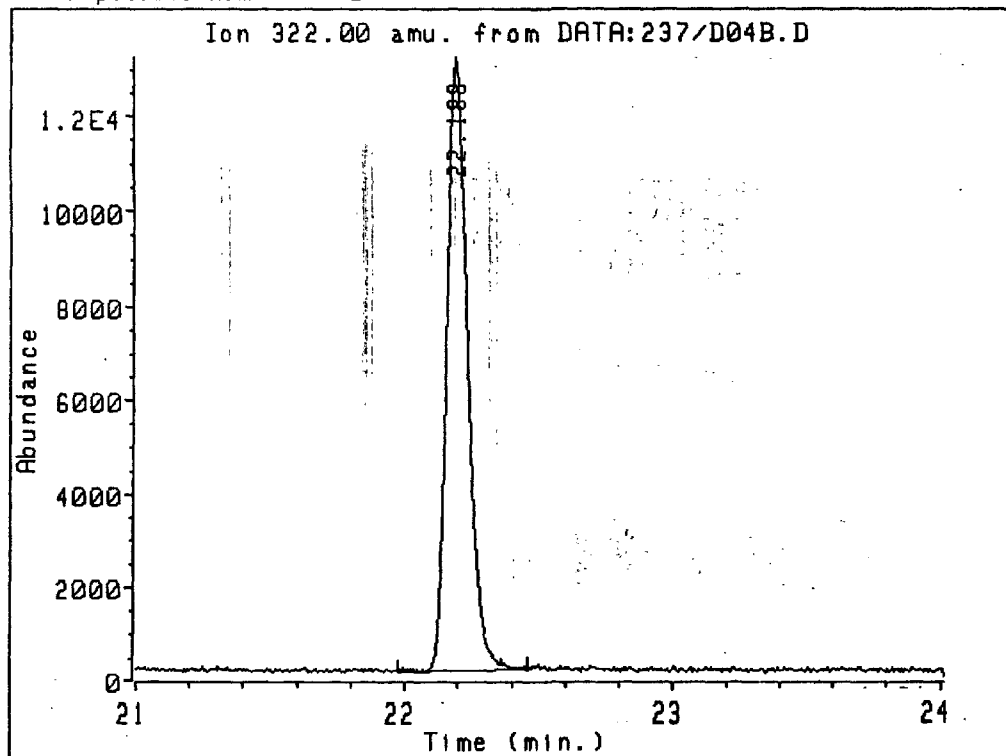
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.186	BB	0.081	538013	22.061	22.419

Data file: DATA:237/D04B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:52 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 2



Ion 322.00 amu. from DATA:237/D04B.D
CALIBRATION SOLN II

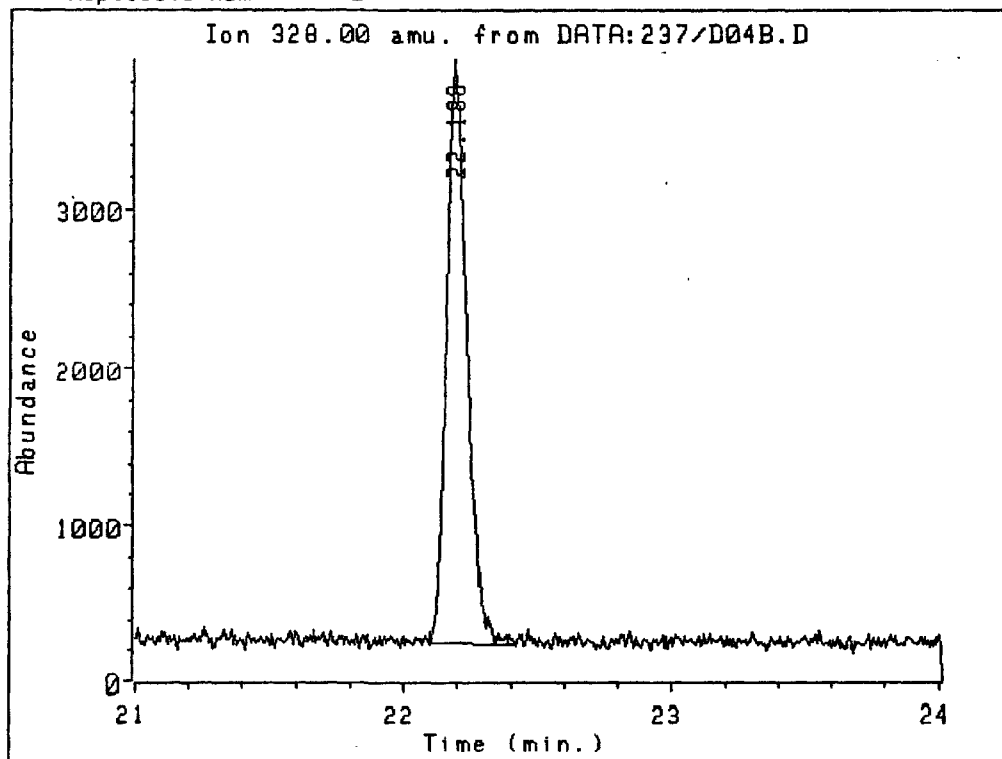
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.188	BU	0.087	708990	21.975	22.462

Data file: DATA:237/D04B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:52 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 2



Ion 328.00 amu. from DATA:237/D04B.D
CALIBRATION SOLN II

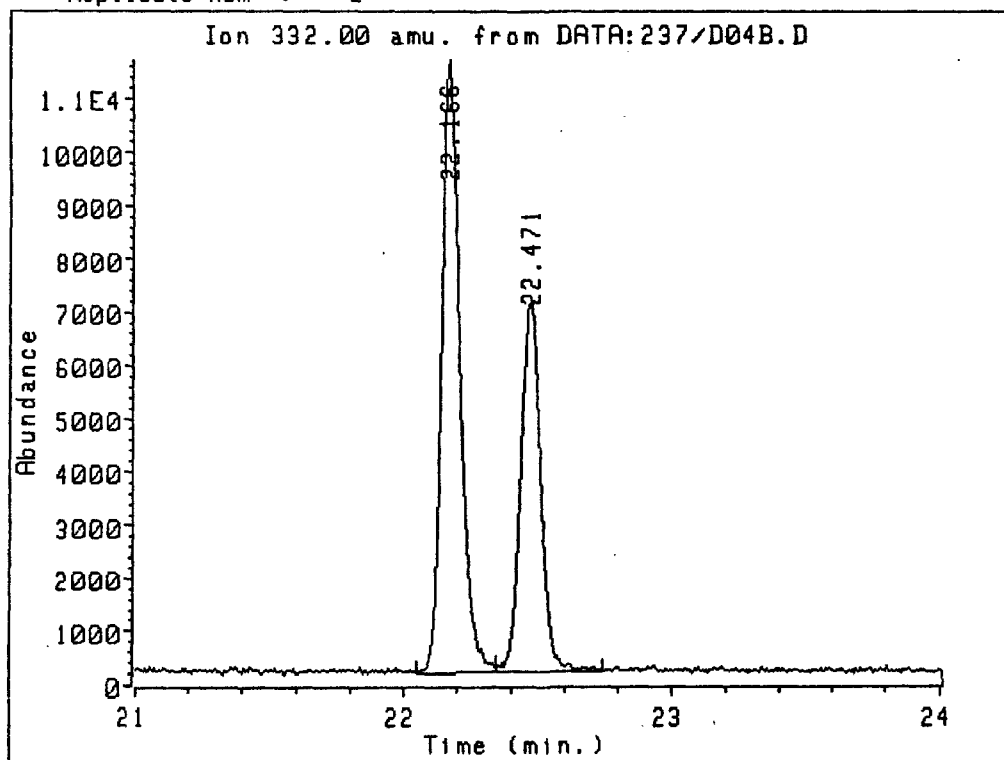
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.188	BB	0.080	196976	22.097	22.419

Data file: DATA:237/D04B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:52 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 2



Ion 332.00 amu. from DATA:237/D04B.D
CALIBRATION SOLN II

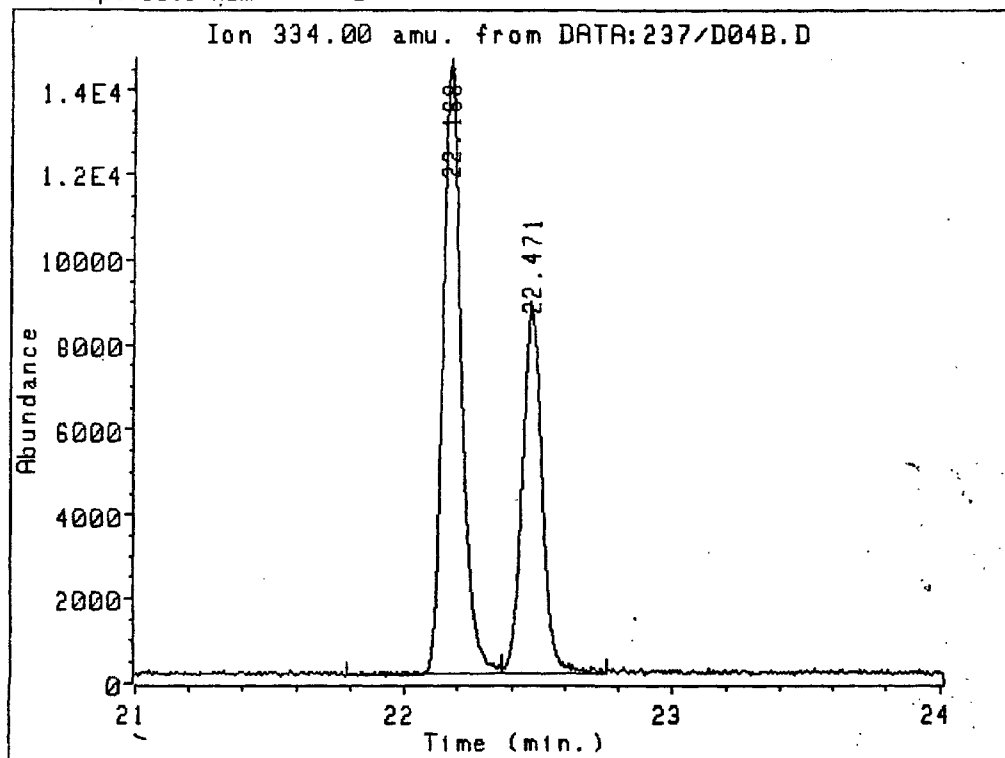
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.166	BU	0.074	554417	22.045	22.345
2	22.471	UB	0.080	365989	22.345	22.741

Data file: DATA:237/D04B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 10:52 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 4
Replicate num : 2



Ion 334.00 amu. from DATA:237/D04B.D
CALIBRATION SOLN II

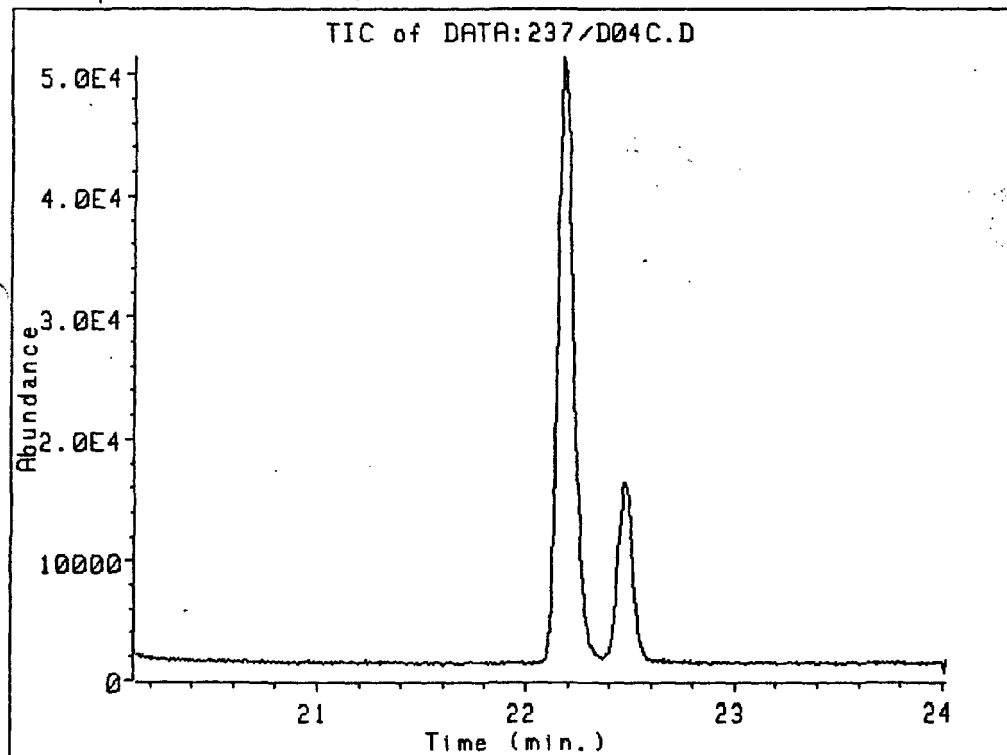
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.168	BU	0.073	707759	21.782	22.364
2	22.471	UU	0.080	447671	22.364	22.750

Data file: DATA:237/D04C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:25 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 3



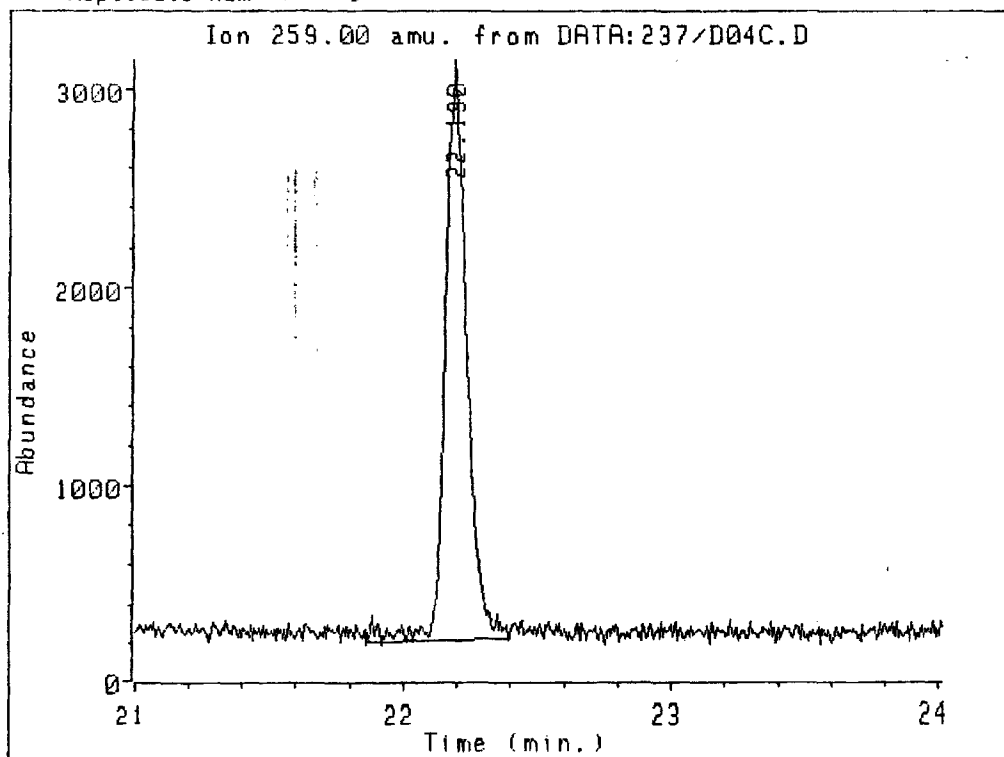
024085

Data file: DATA:237/D04C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:25 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 3



Ion 259.00 amu. from DATA:237/D04C.D
CALIBRATION SOLN II

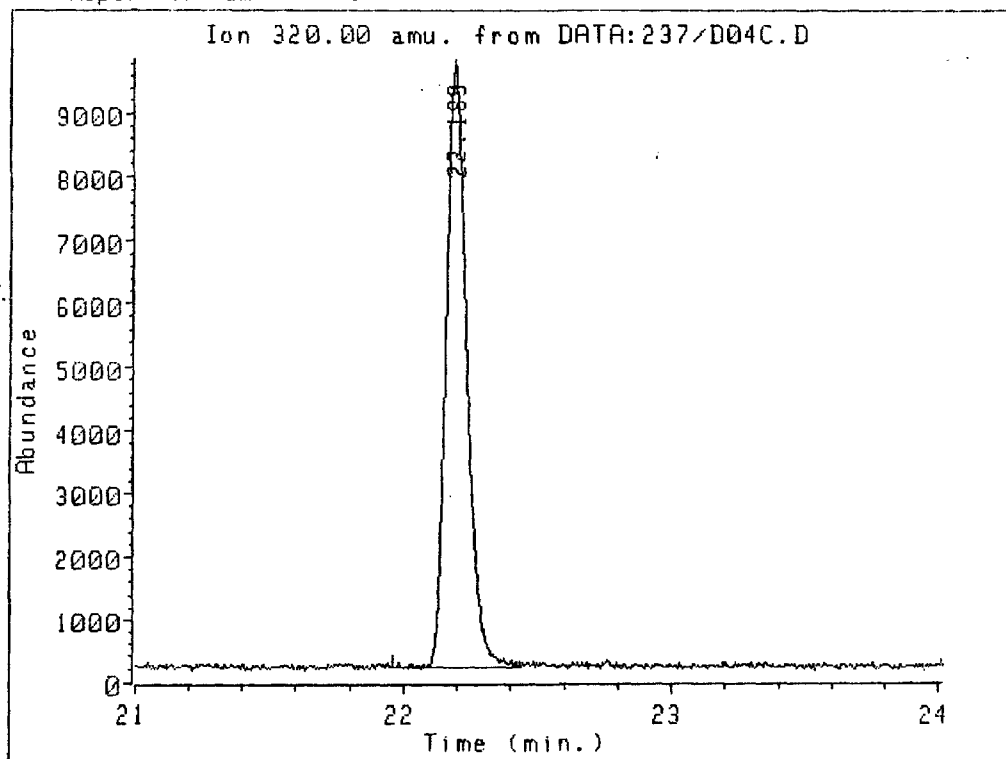
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.190	BU	0.075	165578	21.863	22.396

Data file: DATA:237/D04C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:25 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 3



Ion 320.00 amu. from DATA:237/D04C.D
CALIBRATION SOLN II

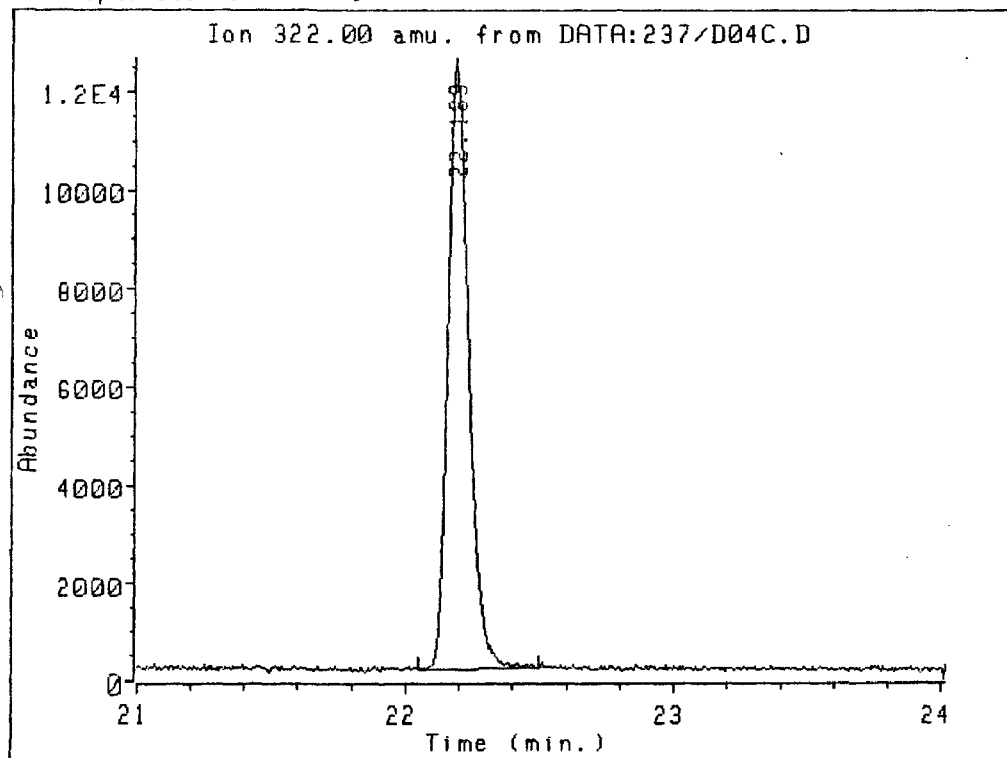
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.189	BB	0.081	521636	21.958	22.439

Data file: DATA:237/D04C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:25 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 3



Ion 322.00 amu. from DATA:237/D04C.D
CALIBRATION SOLN II

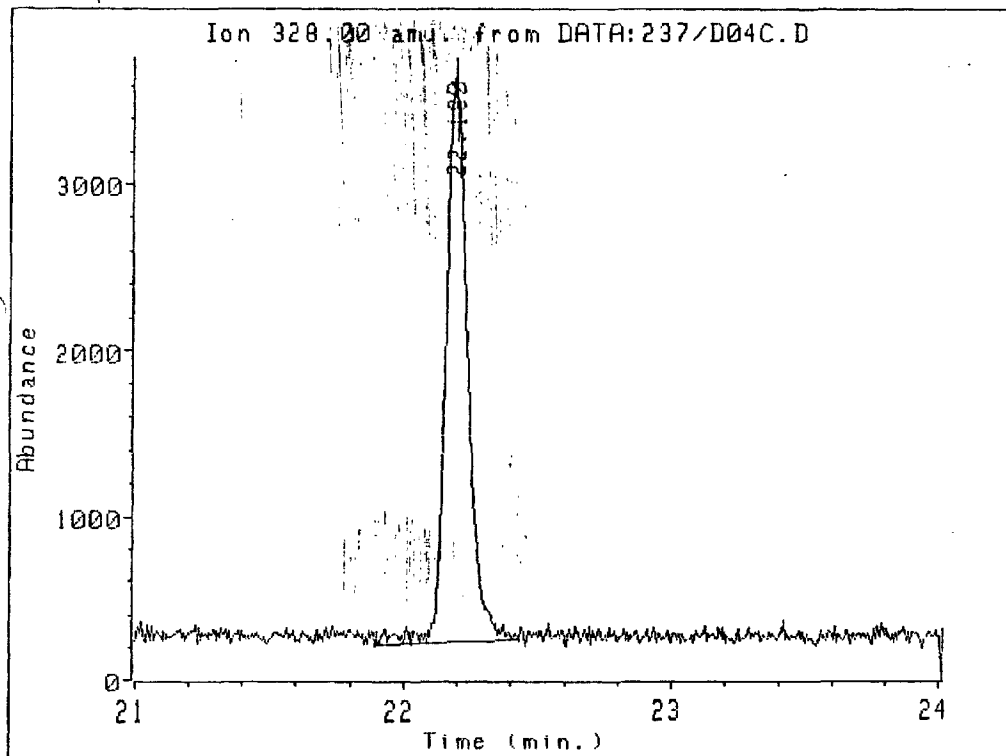
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.189	BU	0.082	671009	22.050	22.497

Data file: DATA:237/D04C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:25 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 3



Ion 328.00 amu. from DATA:237/D04C.D
CALIBRATION SOLN II

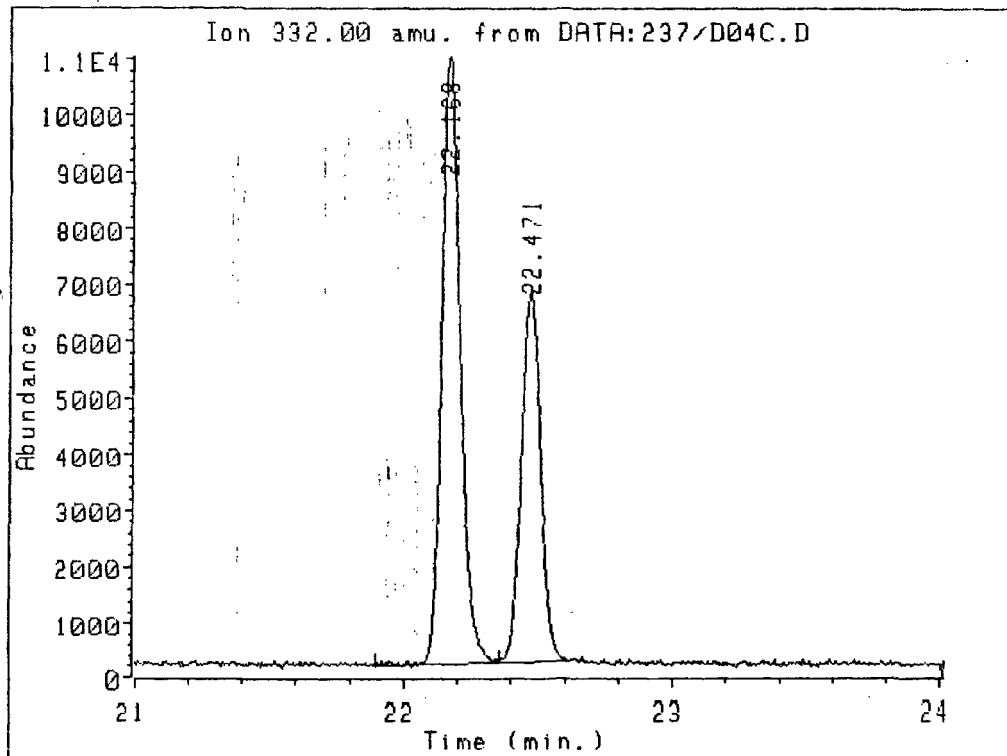
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.190	PU	0.085	194331	21.900	22.433

Data file: DATA:237/D04C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:25 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 3



Ion 332.00 amu. from DATA:237/D04C.D
CALIBRATION SOLN II

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.168	BU	0.076	529567	21.893	22.356
2	22.471	UU	0.080	333889	22.356	22.616

03224301

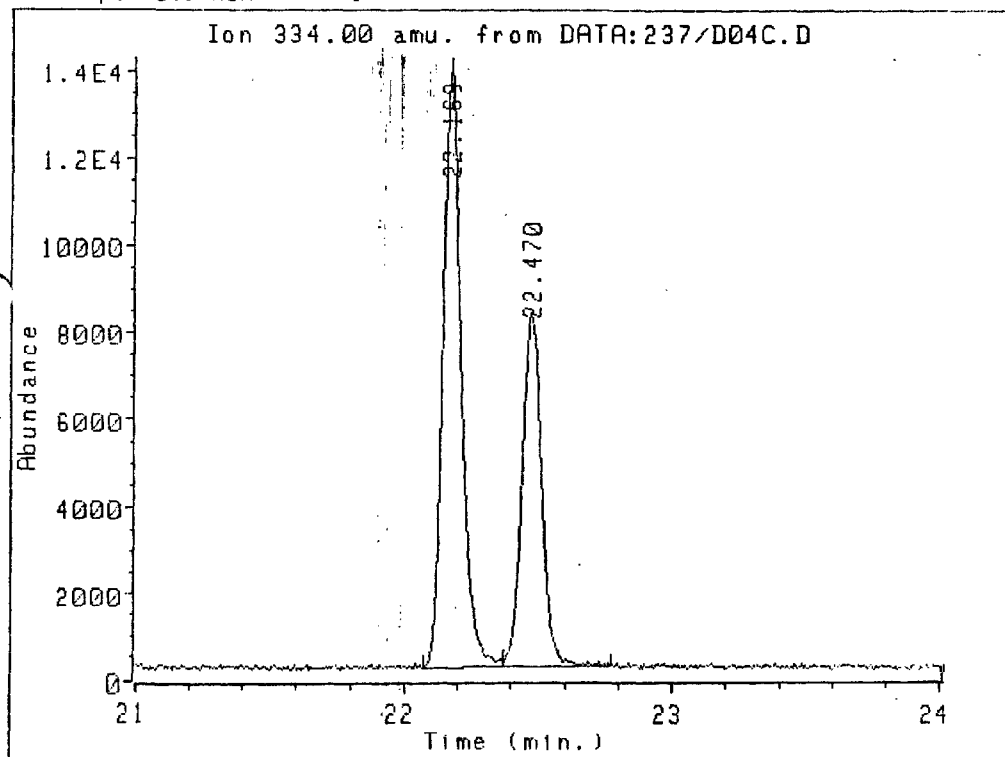
024090

Data file: DATA:237/D04C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN II
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:25 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 4
Replicate num : 3



Ion 334.00 amu. from DATA:237/D04C.D
CALIBRATION SOLN II

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.169	BU	0.074	664046	22.071	22.371
2	22.470	UB	0.079	423563	22.371	22.769

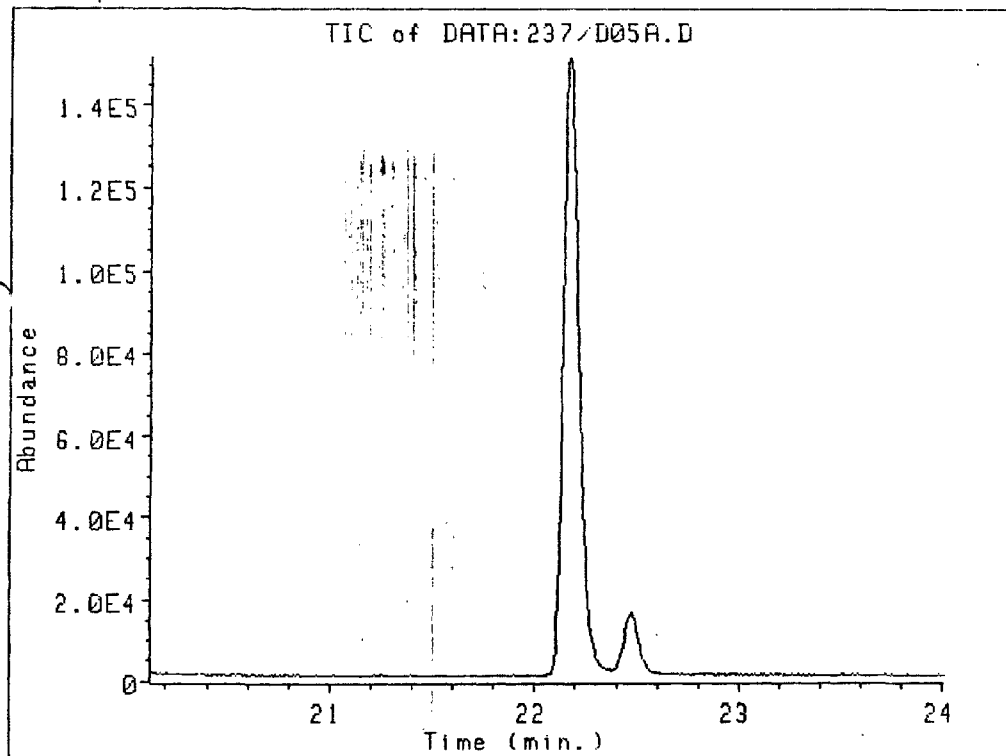
024091

Data file: DATA:237/D05A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:58 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 5
Replicate num : 1



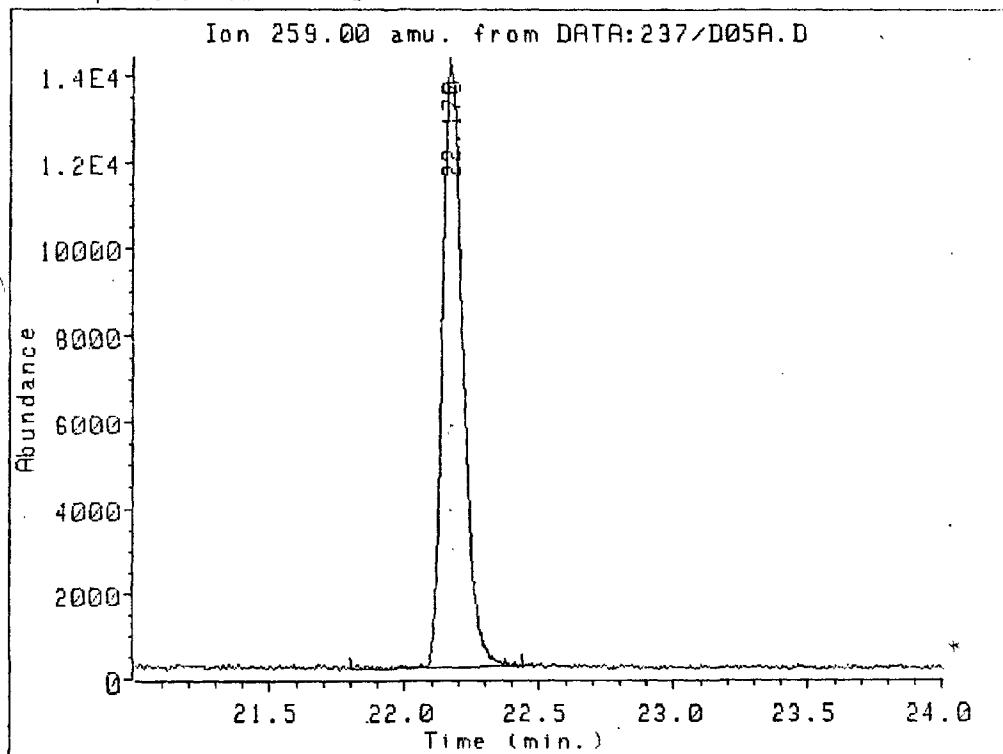
024092

Data file: DATA:237/D05A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:59 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 5
Replicate num : 1



Ion 259.00 amu. from DATA:237/D05A.D
CALIBRATION SOLN III

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.170	BU	0.084	766258	21.800	22.440

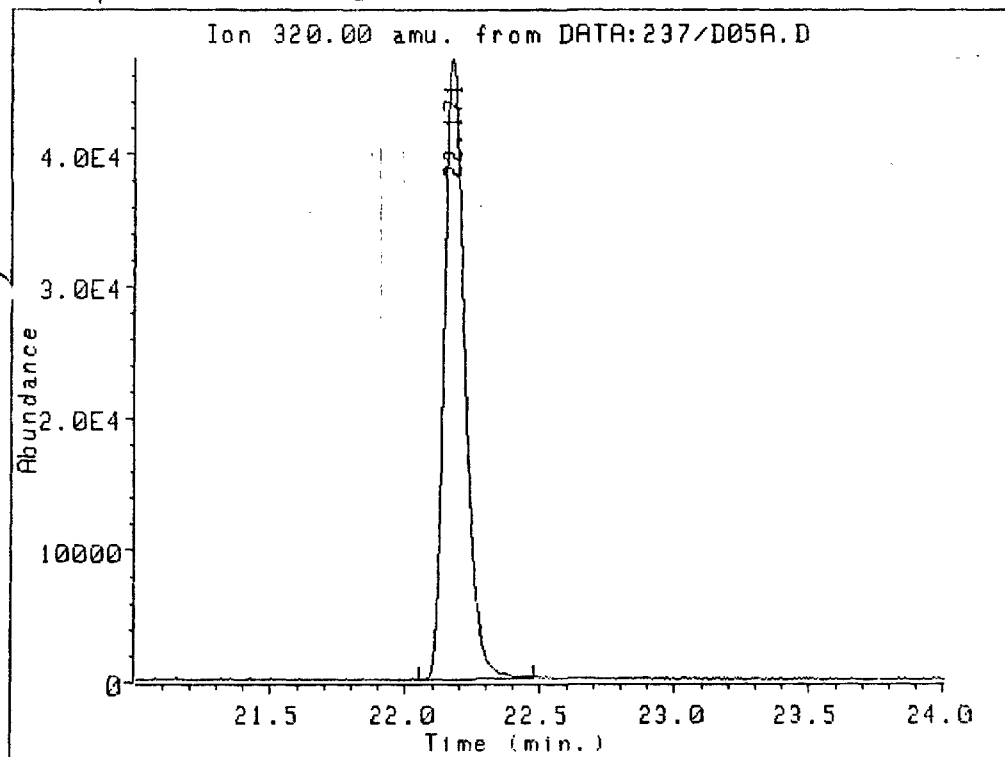
024093

Data file: DATA:237/D05A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:58 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 1



Ion 320.00 amu. from DATA:237/D05A.D
CALIBRATION SOLN III

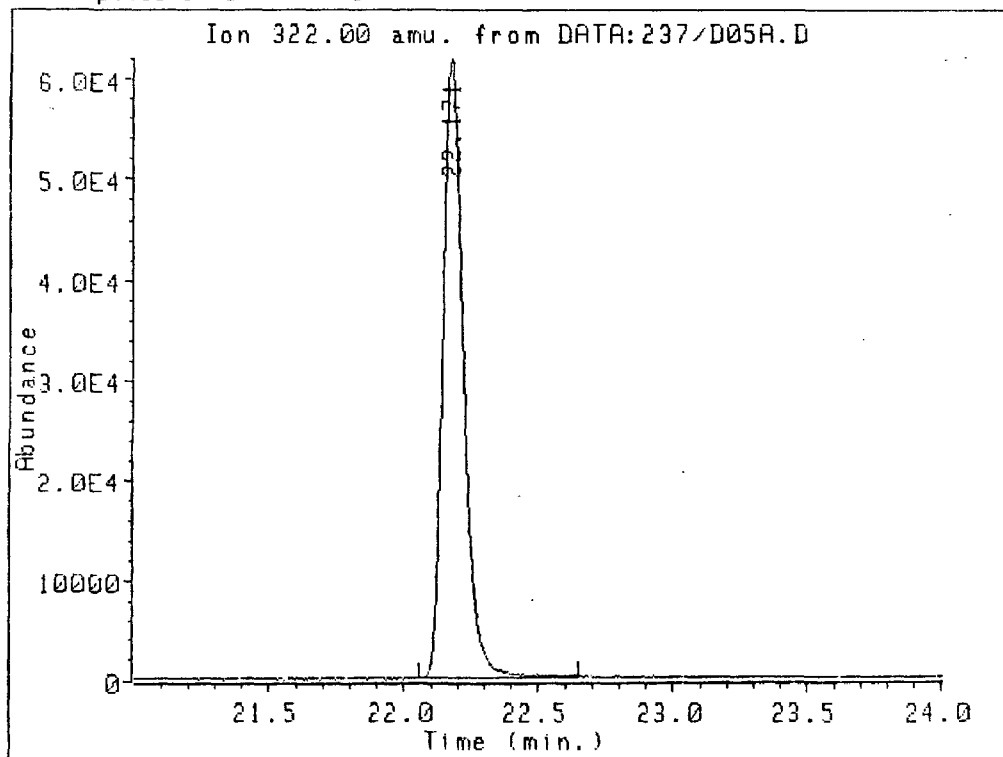
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.171	BU	0.083	2559830	22.048	22.473

Data file: DATA:237/D05A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:58 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 1



Ion 322.00 amu. from DATA:237/D05A.D
CALIBRATION SOLN III

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.171	BB	0.083	3329893	22.054	22.648

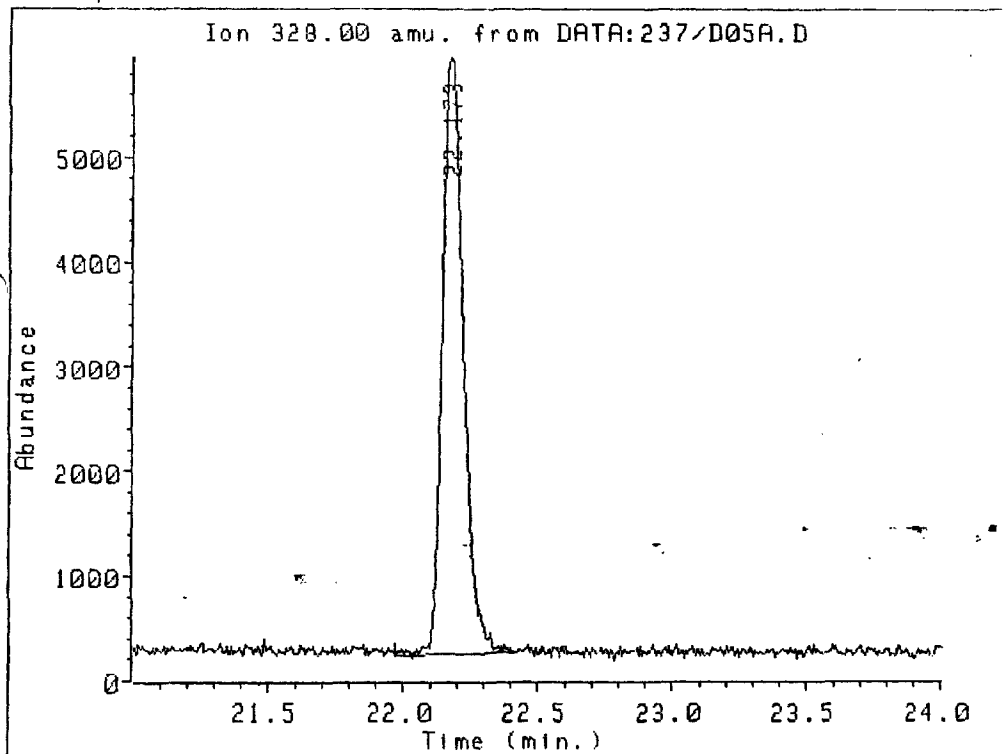
Data file: DATA:237/D05A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:58 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 5
Replicate num : 1

024096



Ion 328.00 amu. from DATA:237/D05A.D
CALIBRATION SOLN III

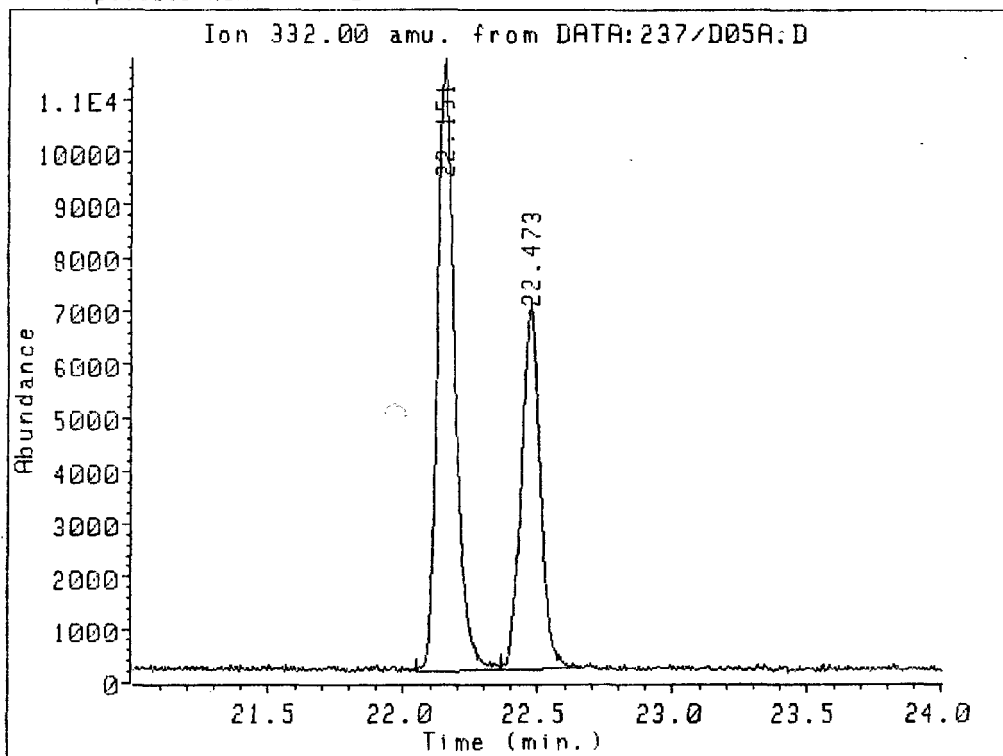
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.173	BB	0.086	317238	21.971	22.418

Data file: DATA:237/D05A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 24 Aug 88 11:58 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 1



Ion 332.00 amu. from DATA:237/D05A.D
CALIBRATION SOLN III

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.151	BU	0.072	527982	22.048	22.363
2	22.473	UU	0.073	342092	22.363	22.672

Data file: DATA:237/D05A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III

Misc Info:

Operator : TMS

Date : 24 Aug 88 11:58 pm

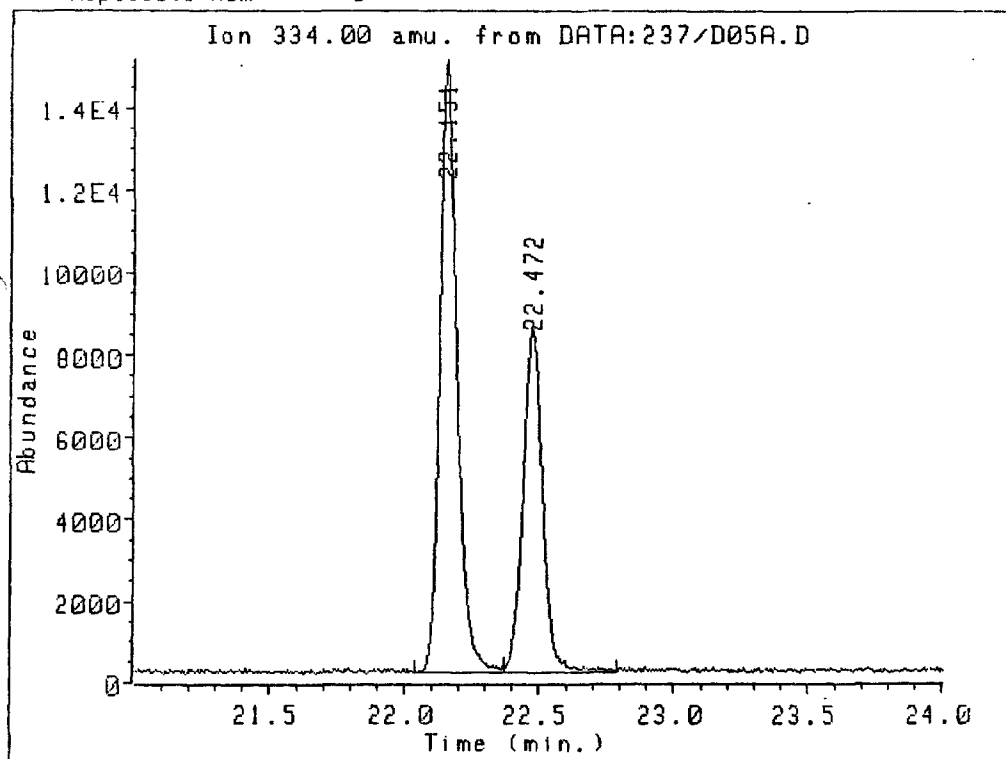
Instrument: NS_5970

Inlet : GC

Sequence index : 4

Als bottle num : 5

Replicate num : 1



024098

Ion 334.00 amu. from DATA:237/D05A.D
CALIBRATION SOLN III

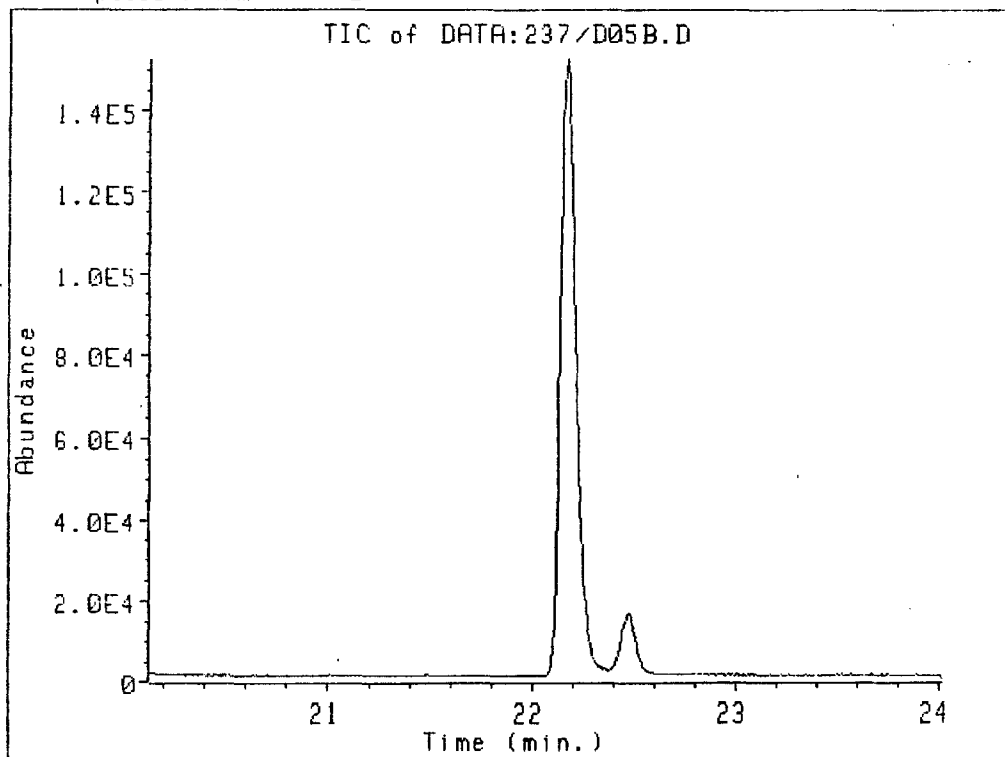
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.151	BU	0.069	679656	22.039	22.369
2	22.472	UB	0.076	434506	22.369	22.789

Data file: DATA:237/D05B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN 111
Misc Info:
Operator : TMS

Date : 25 Aug 88 12:31 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 2



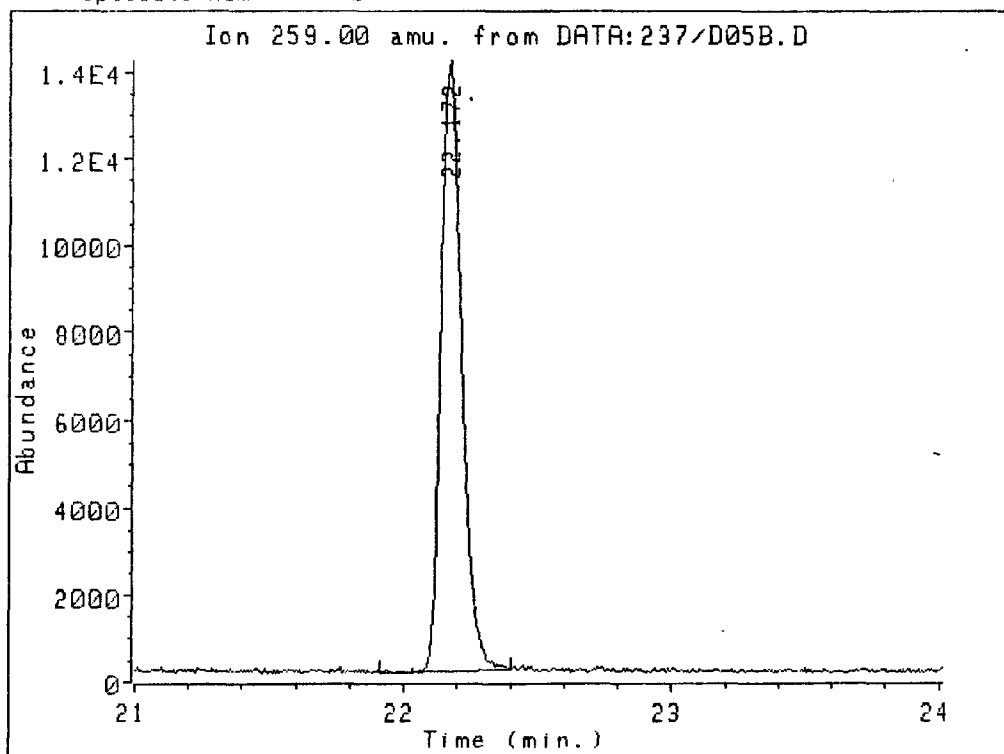
024099

Data file: DATA:237/D05B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 25 Aug 88 12:31 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 2



Ion 259.00 amu. from DATA:237/D05B.D
CALIBRATION SOLN III

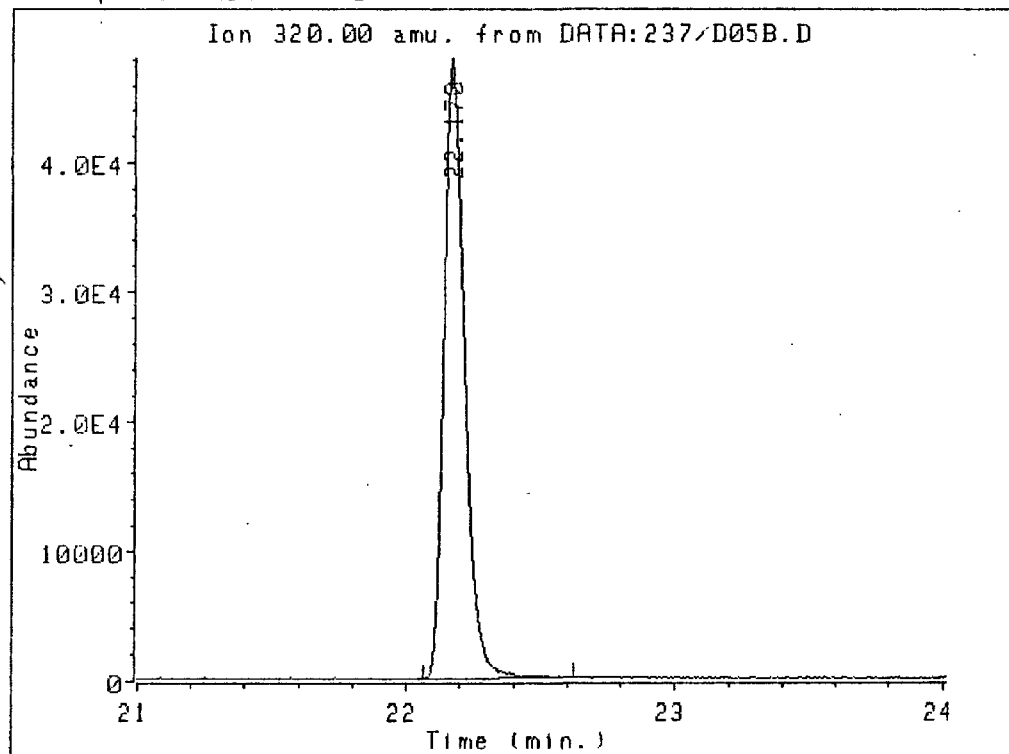
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.172	BU	0.082	764310	21.914	22.404

Data file: DATA:237/D05B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 25 Aug 88 12:31 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 2



Ion 320.00 amu. from DATA:237/D05B.D
CALIBRATION SOLN III

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.170	BB	0.082	2578320	22.064	22.625

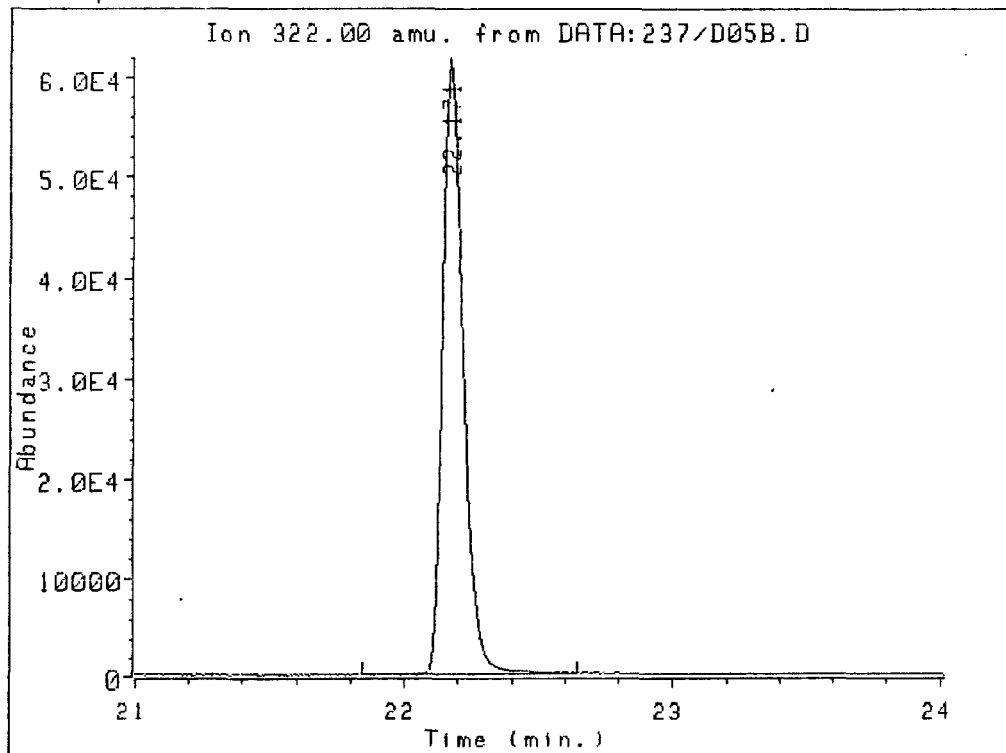
024101

Data file: DATA:237/D05B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 25 Aug 88 12:31 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 2



Ion 322.00 amu. from DATA:237/D05B.D
CALIBRATION SOLN III

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.171	BB	0.082	3354523	21.844	22.640

03224313

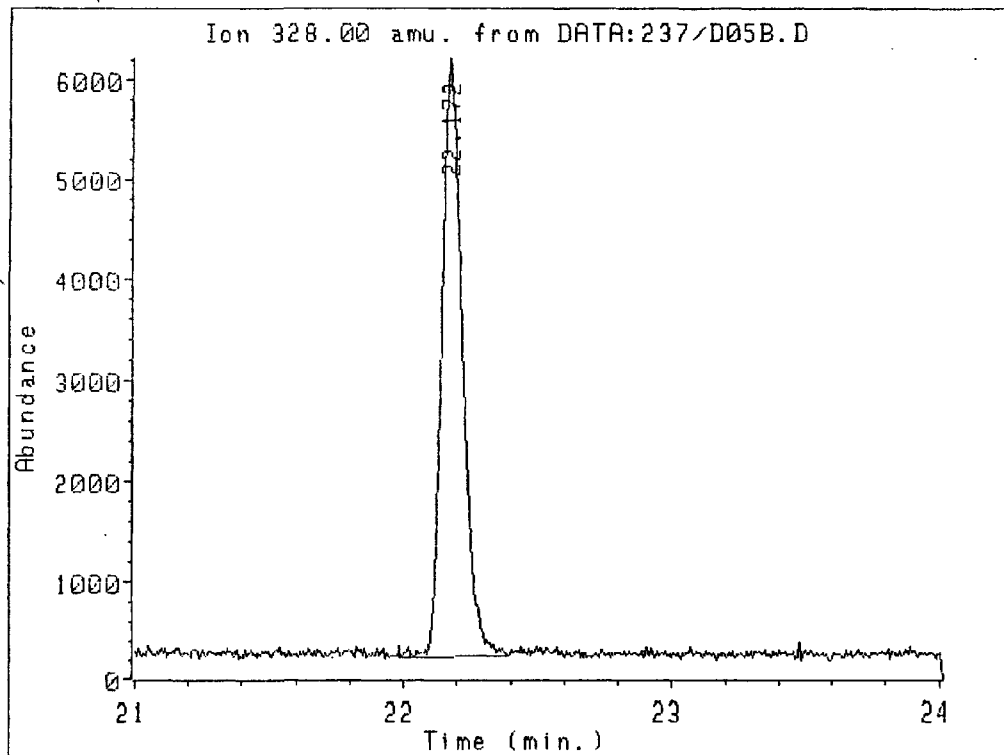
024102

Data file: DATA:237/D05B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 25 Aug 88 12:31 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 2



Ion 328.00 amu. from DATA:237/D05B.D
CALIBRATION SOLN III

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.172	BB	0.081	322052	21.981	22.392

Data file: DATA:237/D05B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III

Misc Info:

Operator : TMS

Date : 25 Aug 88 12:31 am

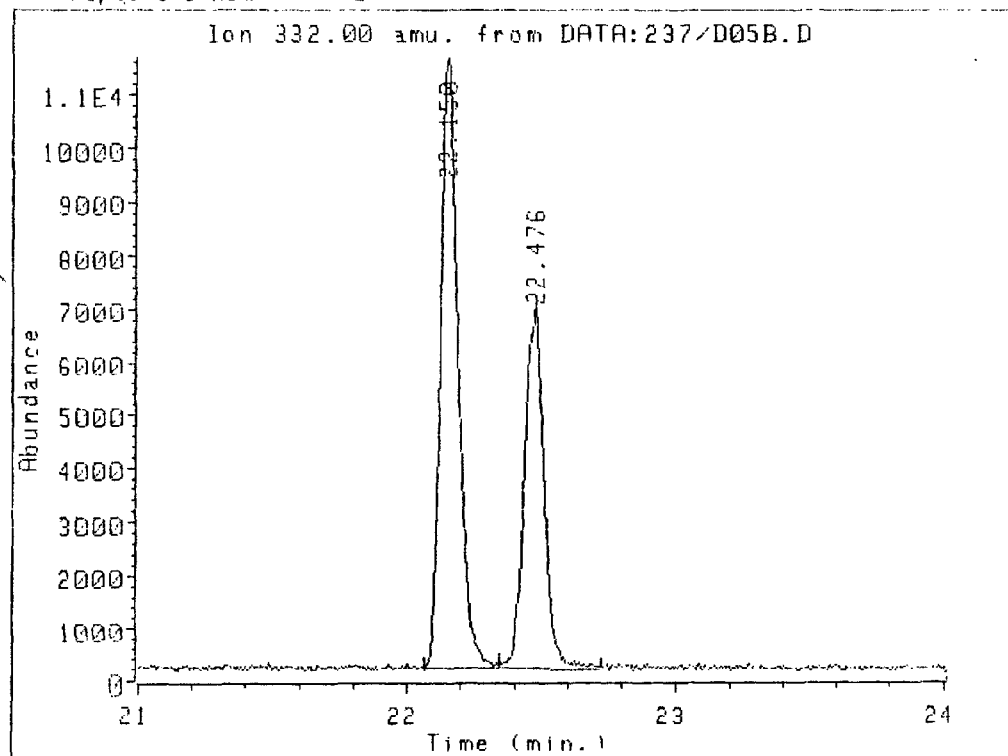
Instrument: MS_5970

Inlet : GC

Sequence index : 4

ALS bottle num : 5

Replicate num : 2



Ion 332.00 amu. from DATA:237/D05B.D
CALIBRATION SOLN III

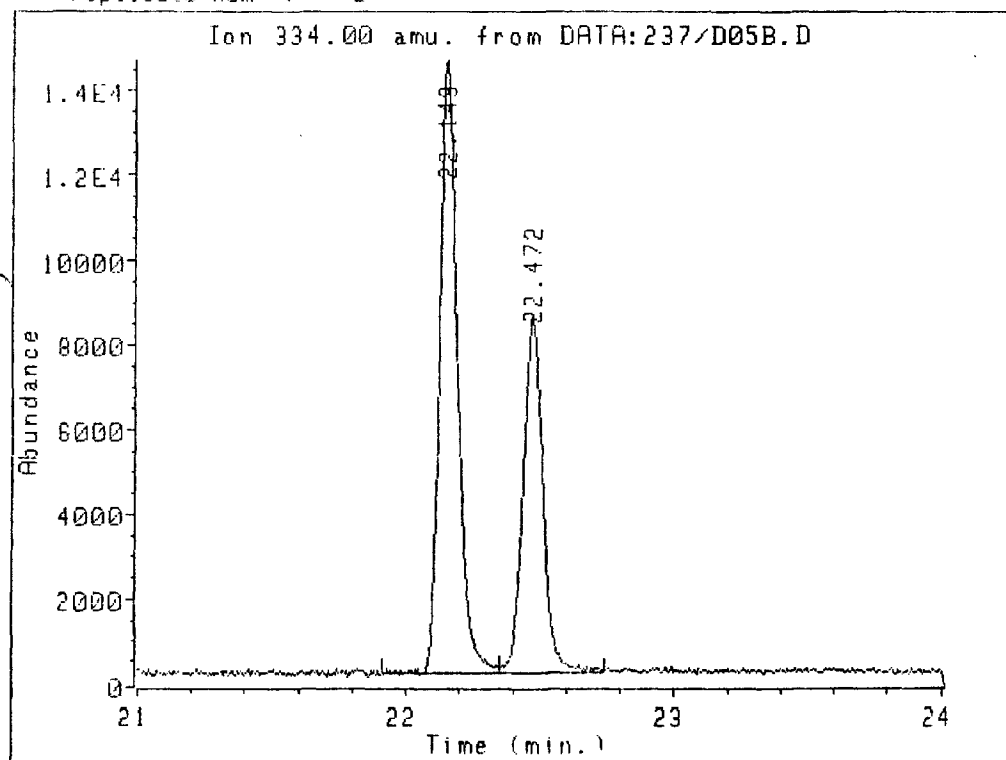
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.150	BU	0.068	531094	22.061	22.346
2	22.476	UU	0.069	354283	22.346	22.723

Data file: DATA:237/D05B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 25 Aug 88 12:31 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 2



Ion 334.00 amu. from DATA:237/D05B.D
CALIBRATION SOLN III

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.149	BU	0.070	676008	21.911	22.352
2	22.472	UU	0.078	433081	22.352	22.741

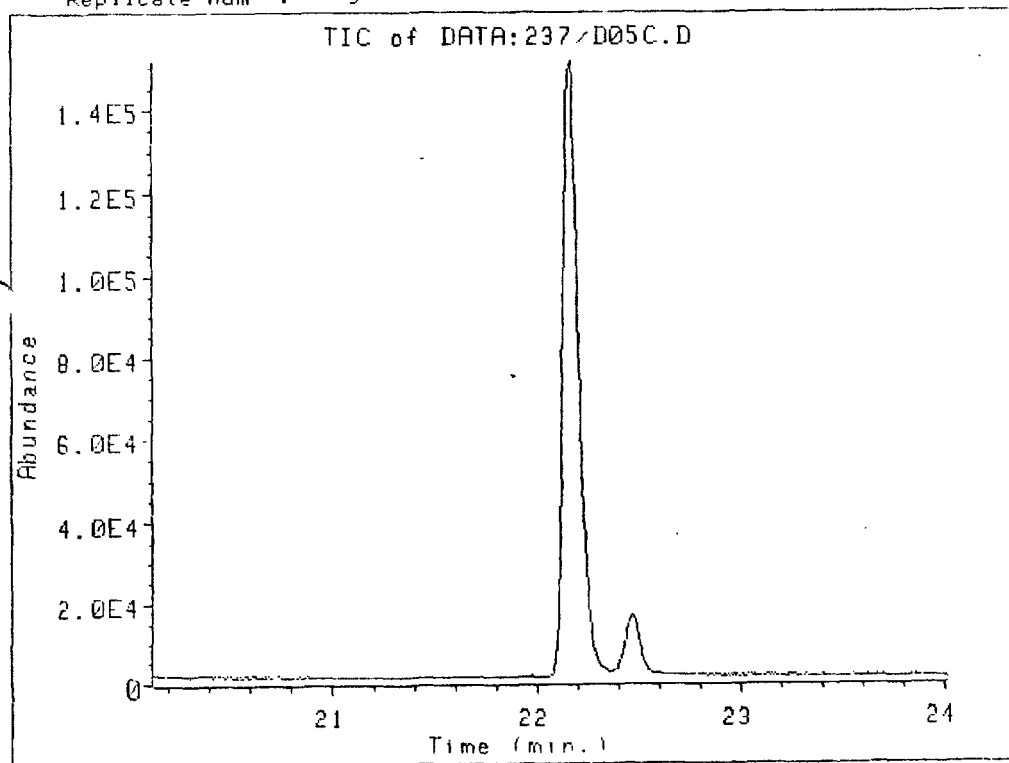
024105

Data file: DATA:237/D05C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:04 am
Instrument: NS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 3



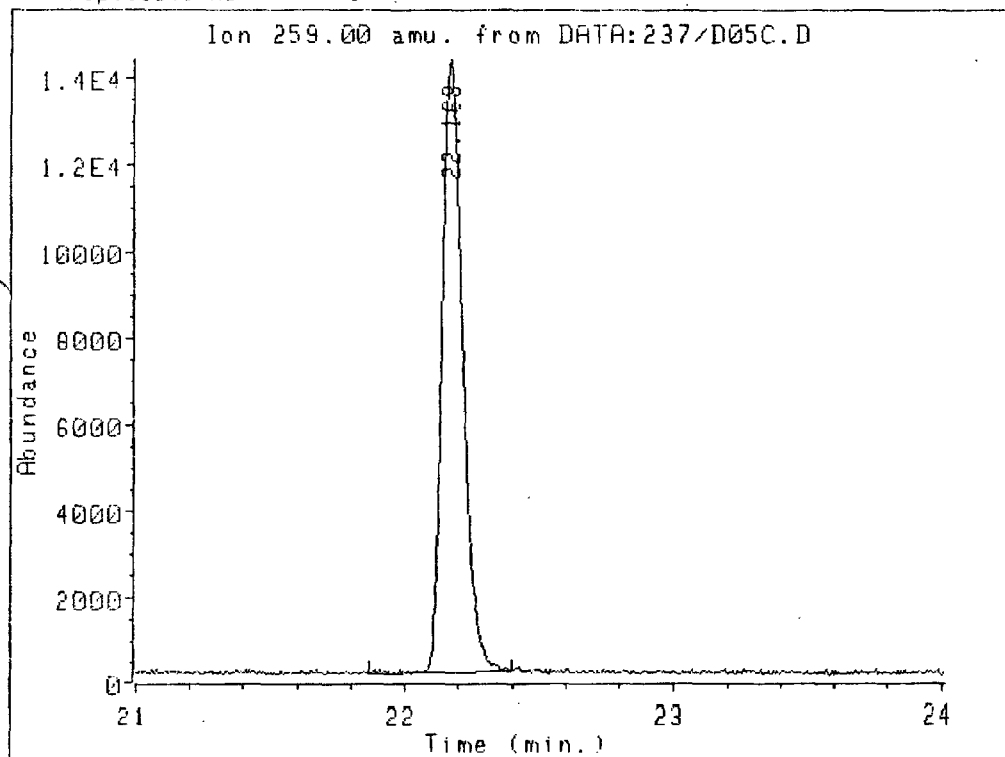
024106

Data file: DATA:237/D05C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:04 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 5
Replicate num : 3



024107

Ion 259.00 amu. from DATA:237/D05C.D
CALIBRATION SOLN III

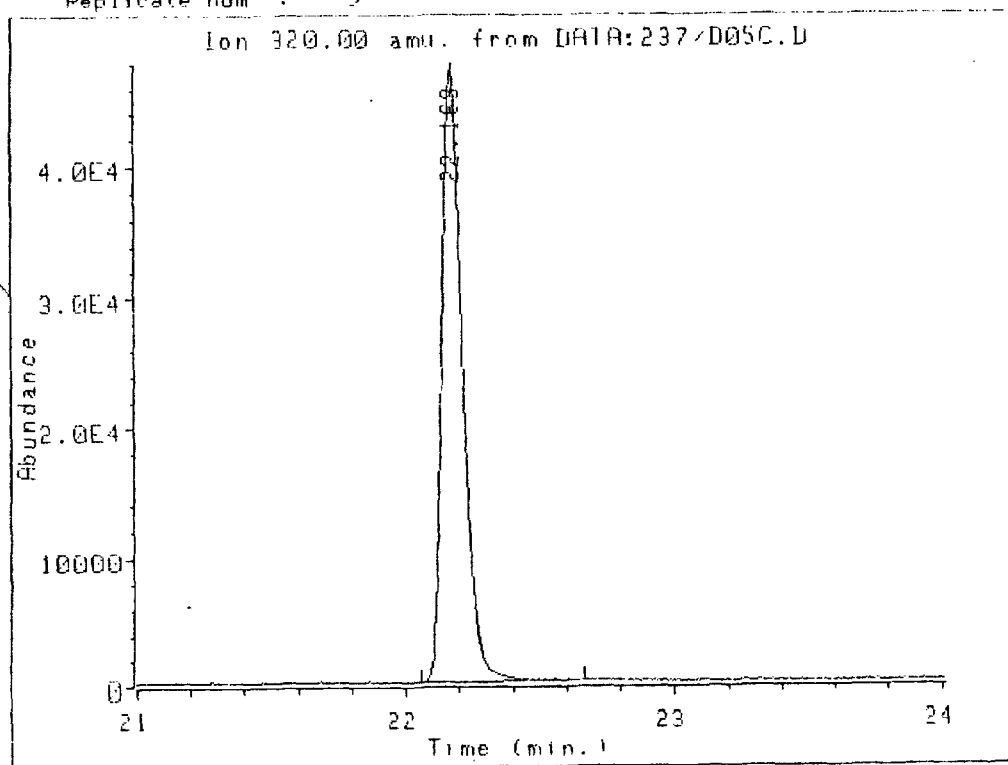
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.168	BU	0.085	766846	21.865	22.398

Data file: DATA:237/D05C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:04 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 3



Ion 320.00 amu. from DATA:237/D05C.D
CALIBRATION SOLN III

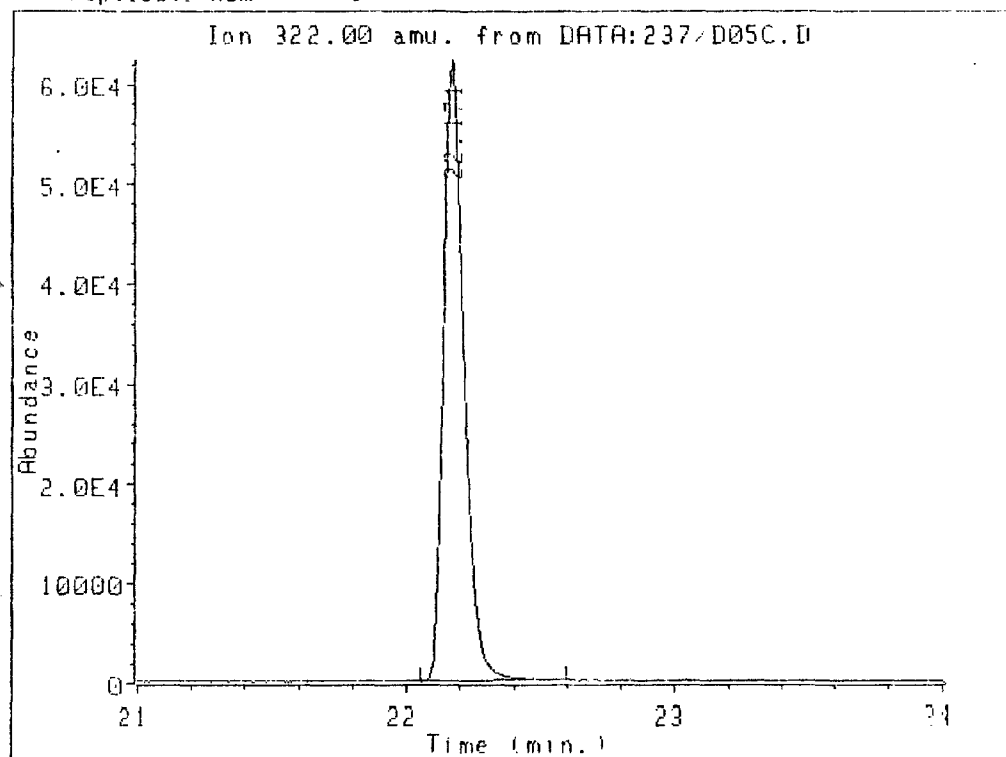
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.169	BB	0.085	2585756	22.059	22.604

Data file: DATA:237/D05C.D
File type: GC / MS DATA FILE

Name info: CALIBRATION SOLN III
Misc info:
Operator : TMS

Date : 25 Aug 88 1:04 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 3



Ion 322.00 amu. from DATA:237/D05C.D
CALIBRATION SOLN III

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.101	BB	0.083	3338620	22.055	22.194

Data file: DATA:237/D05C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN 111

Misc Info:

Operator : TMS

Date : 25 Aug 88 1:04 am

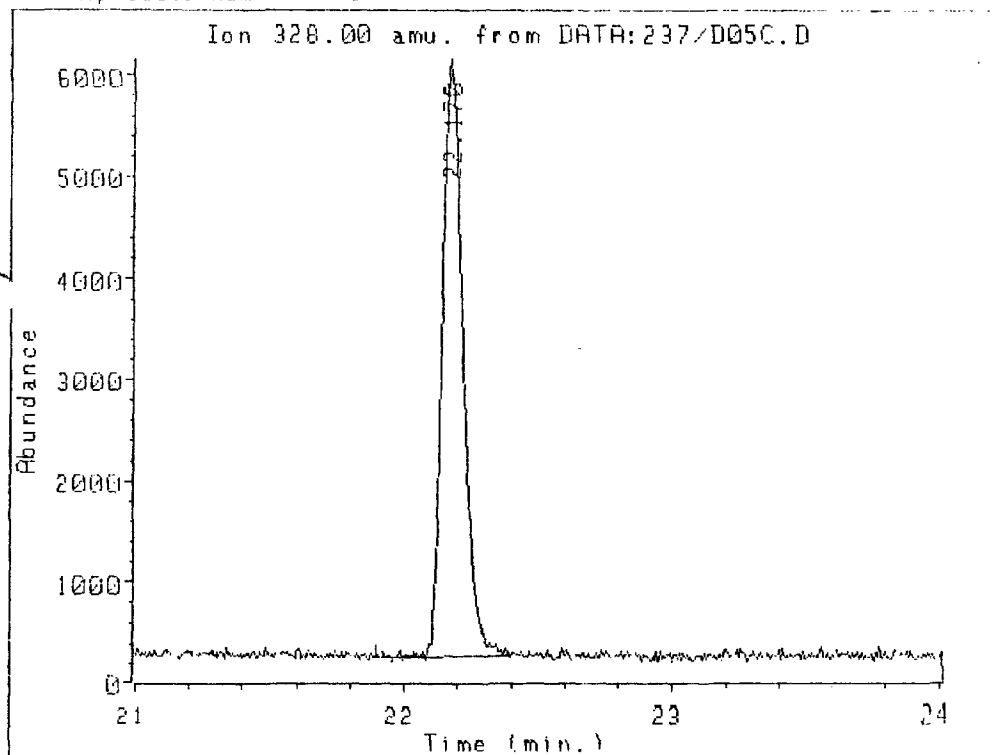
Instrument: MS_5970

Inlet : GC

Sequence index : 4

Als bottle num : 5

Replicate num : 3



Ion 328.00 amu. from DATA:237/D05C.D
CALIBRATION SOLN 111

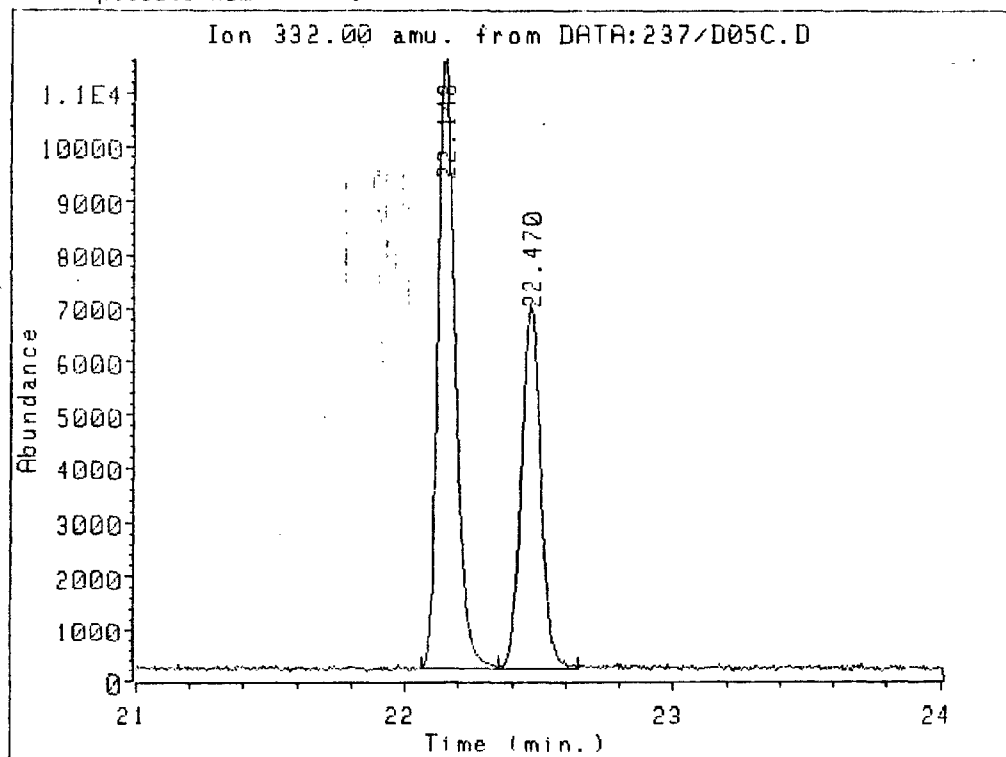
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.170	BB	0.088	321000	21.893	22.390

Data file: DATA:237/D05C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:04 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 5
Replicate num : 3



Ion 332.00 amu. from DATA:237/D05C.D
CALIBRATION SOLN III

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.148	BU	0.068	528996	22.061	22.348
2	22.470	UB	0.080	346818	22.348	22.646

Data file: DATA:237/D05C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III

Misc Info:

Operator : TMS

Date : 25 Aug 88 1:04 am

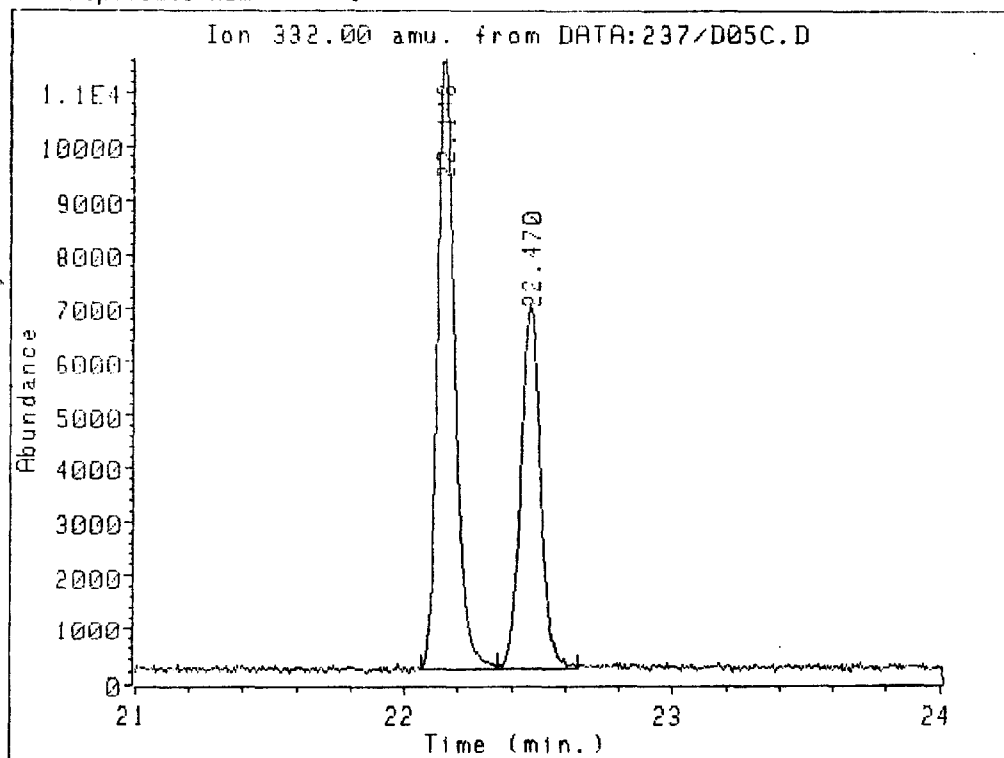
Instrument: MS_5970

Inlet : GC

Sequence index : 4

Als bottle num : 5

Replicate num : 3



024112

Ion 332.00 amu. from DATA:237/D05C.D
CALIBRATION SOLN III

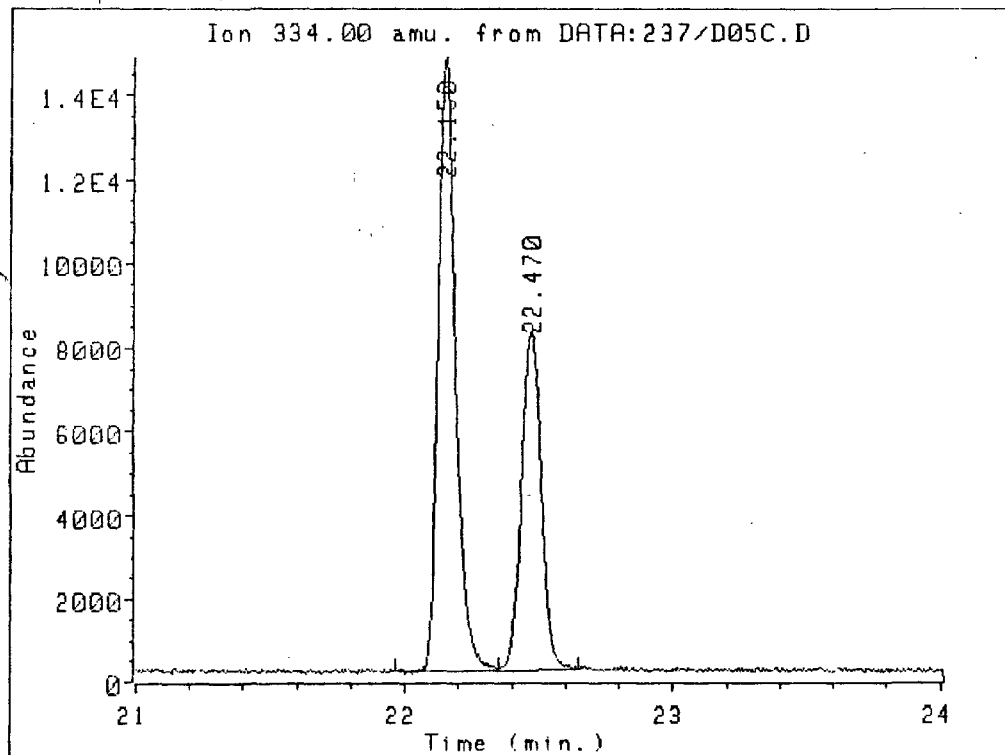
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.148	BU	0.068	528996	22.061	22.348
2	22.470	UB	0.080	346818	22.348	22.646

Data file: DATA:237/D05C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN III
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:04 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 5
Replicate num : 3



Ion 334.00 amu. from DATA:237/D05C.D
CALIBRATION SOLN III

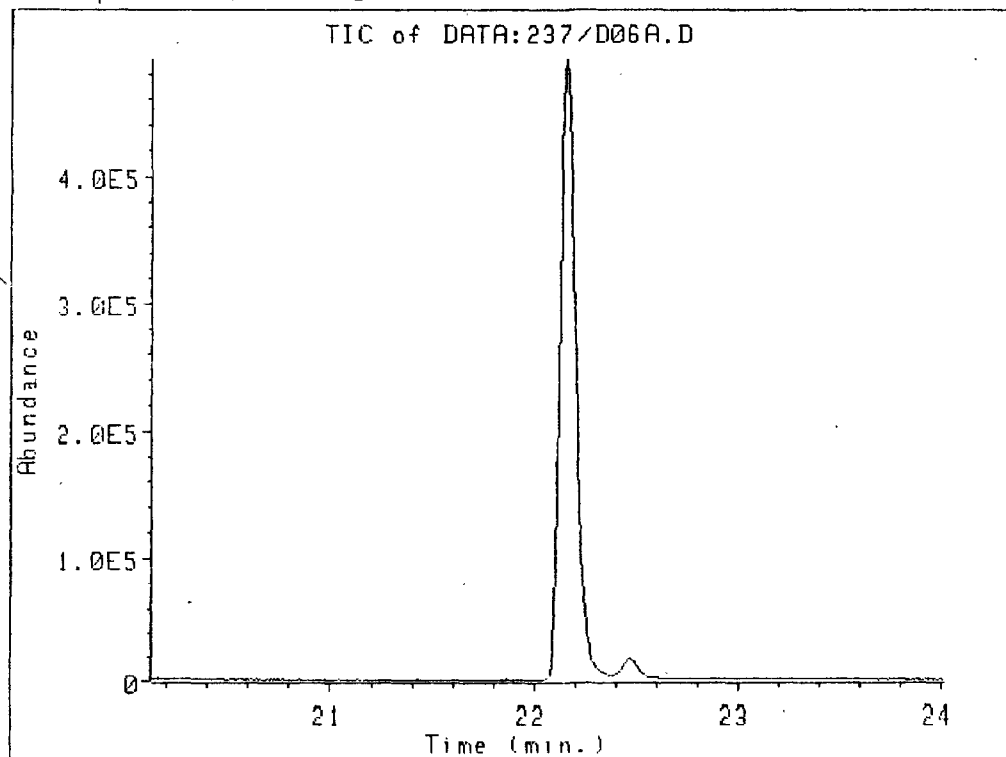
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.150	BU	0.071	673274	21.963	22.349
2	22.470	UV	0.082	422193	22.349	22.649

Data file: DATA:237/D06A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:37 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 6
Replicate num : 1



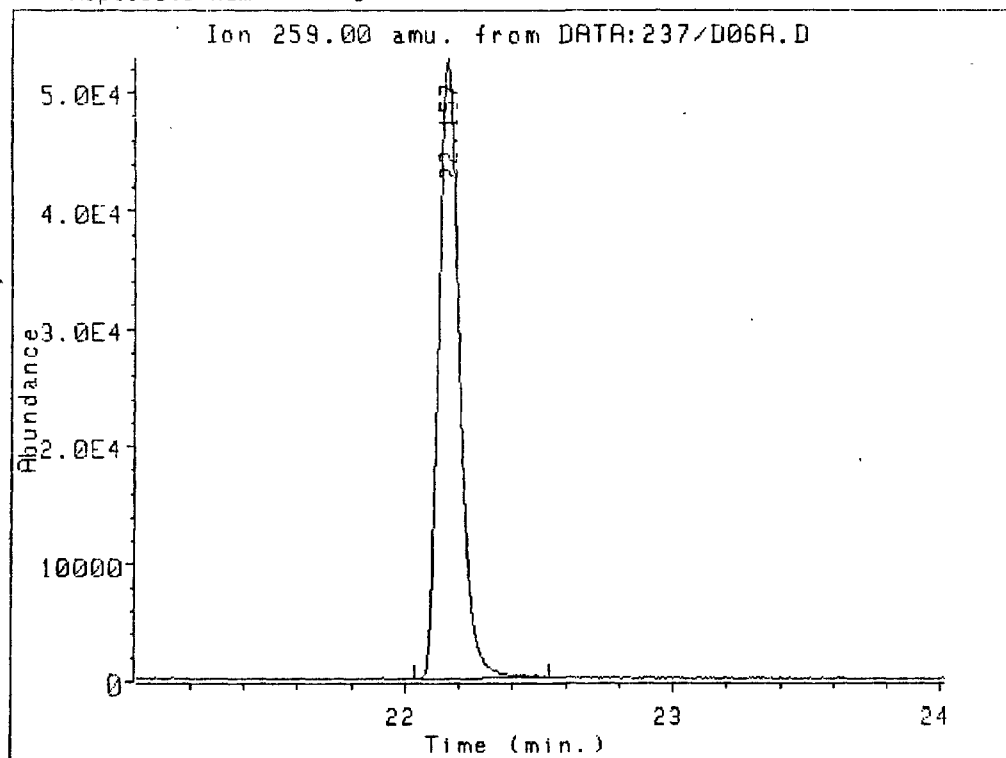
024114

Data file: DATA:237/D06A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:37 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 6
Replicate num : 1



Ion 259.00 amu. from DATA:237/D06A.D
CALIBRATION SOLN IV

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.157	BU	0.083	2875300	22.038	22.540

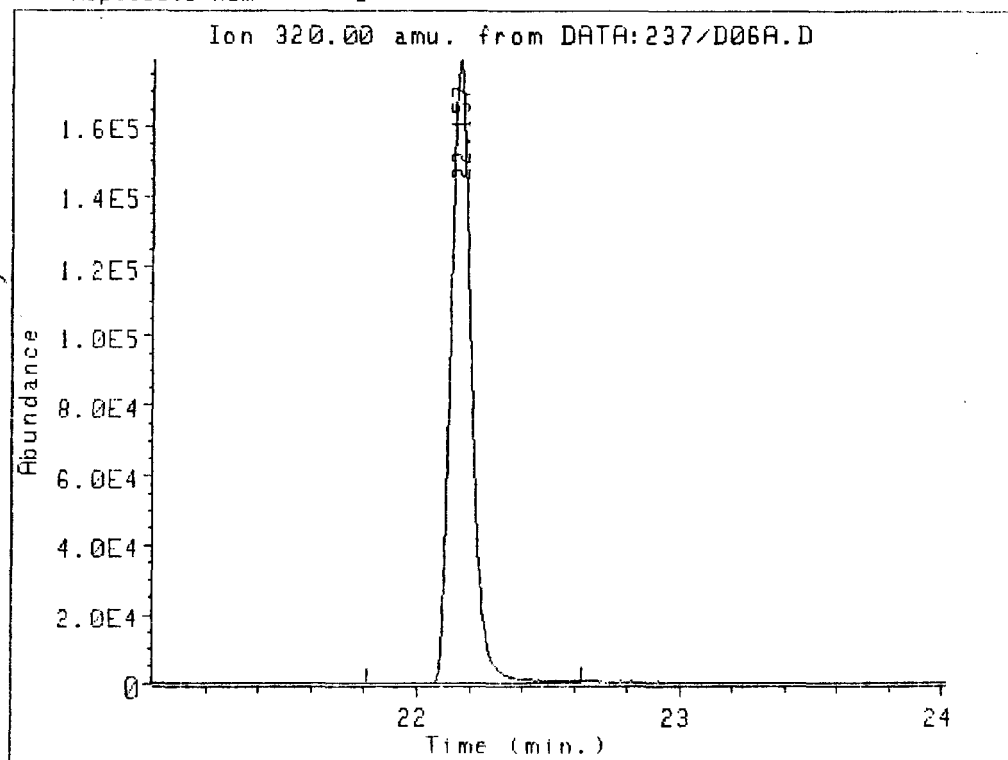
024115

Data file: DATA:237/D06A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:37 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 1



Ion 320.00 amu. from DATA:237/D06A.D
CALIBRATION SOLN IV

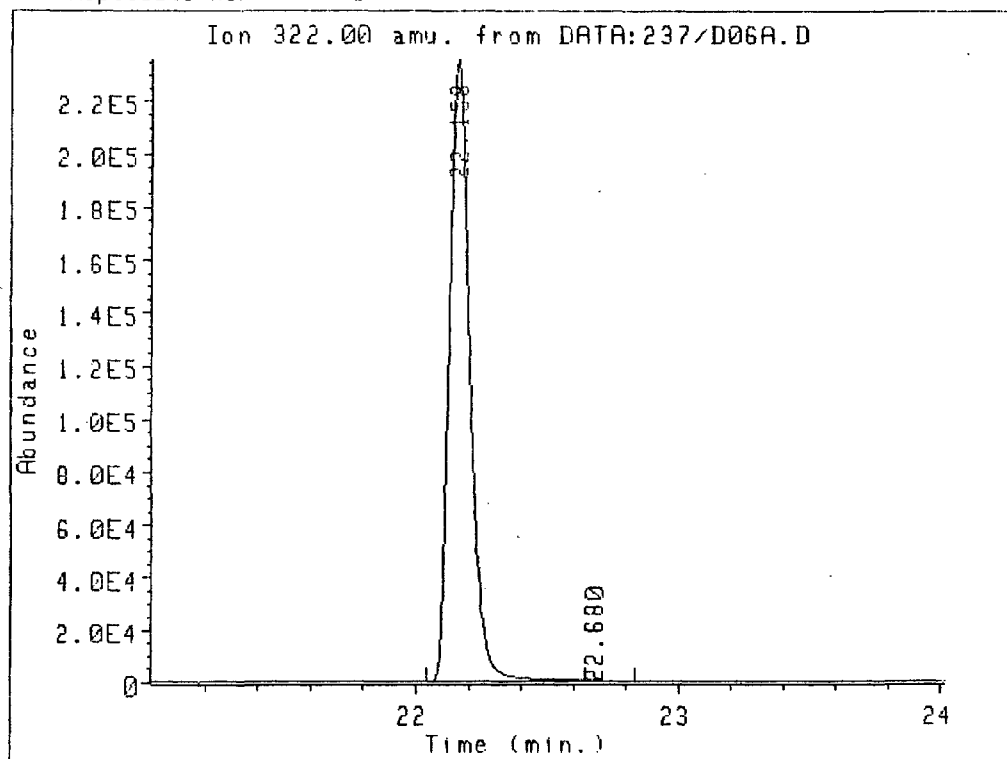
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.157	EO	0.084	9702909	21.812	22.626

Data file: DATA:237/D06A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:37 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 1



Ion 322.00 amu. from DATA:237/D06A.D
CALIBRATION SOLN IV

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.158	BU	0.083	12754308	22.041	22.641
2	22.680	UB	0.115	17435	22.641	22.834

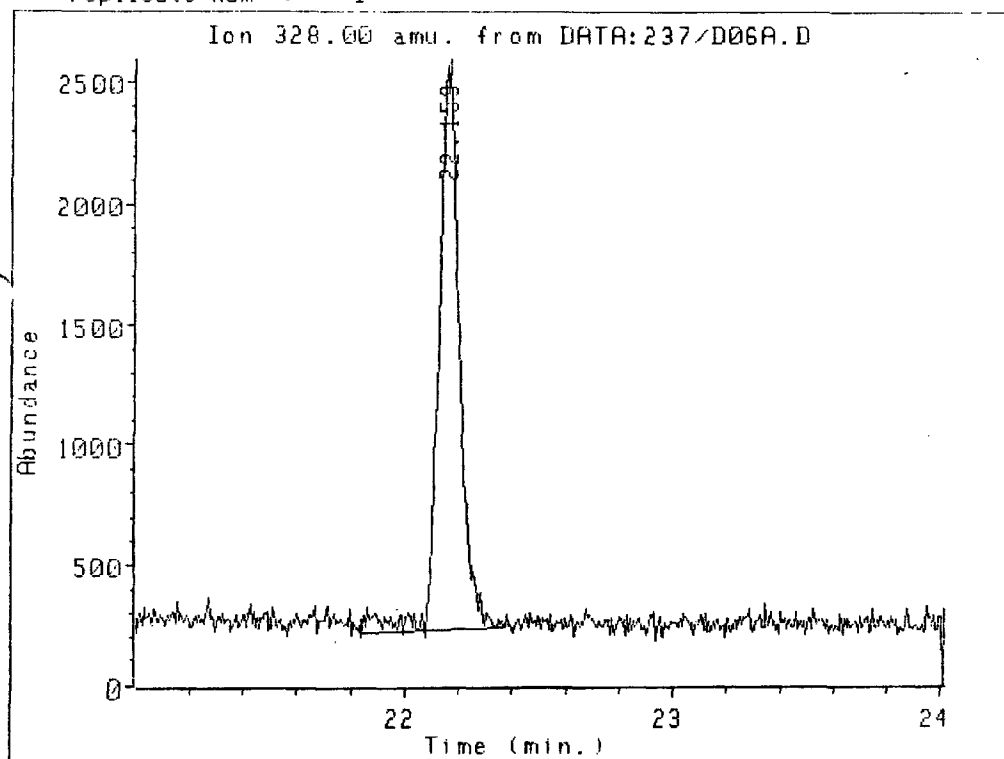
024117

Data file: DATA:237/D06A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:37 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 1



Ion 328.00 amu. from DATA:237/D06A.D
CALIBRATION SOLN IV

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.159	BB	0.083	128172	21.836	22.375

024118

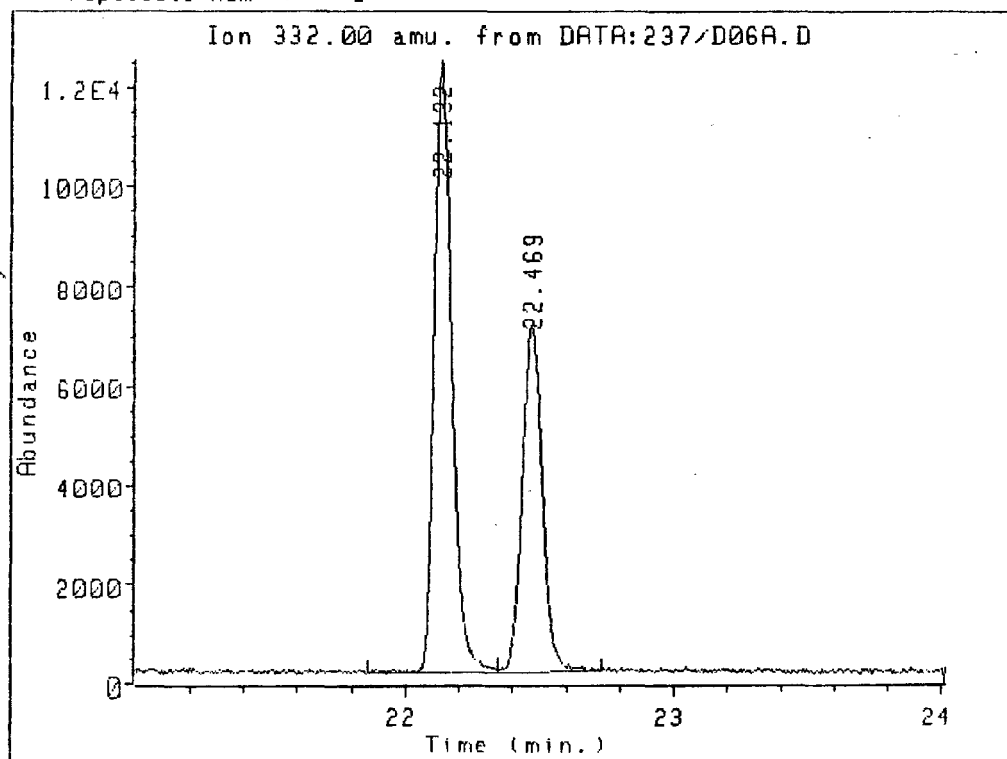
4 2392

Data file: DATA:237/D06A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:37 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 6
Replicate num : 1



Ion 332.00 amu. from DATA:237/D06A.D
CALIBRATION SOLN IV

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.132	BU	0.072	566292	21.861	22.347
2	22.469	UB	0.083	368453	22.347	22.730

024119

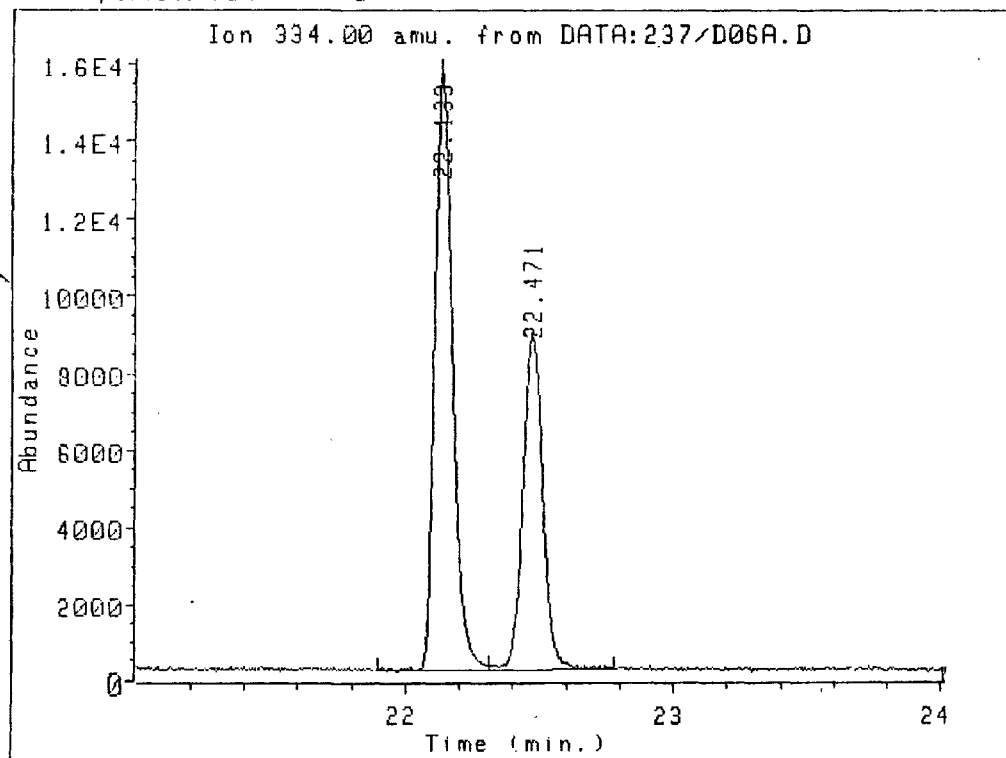
6322436

Data file: DATA:237/D06A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 1:37 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 1



Ion 334.00 amu. from DATA:237/D06A.D
CALIBRATION SOLN IV

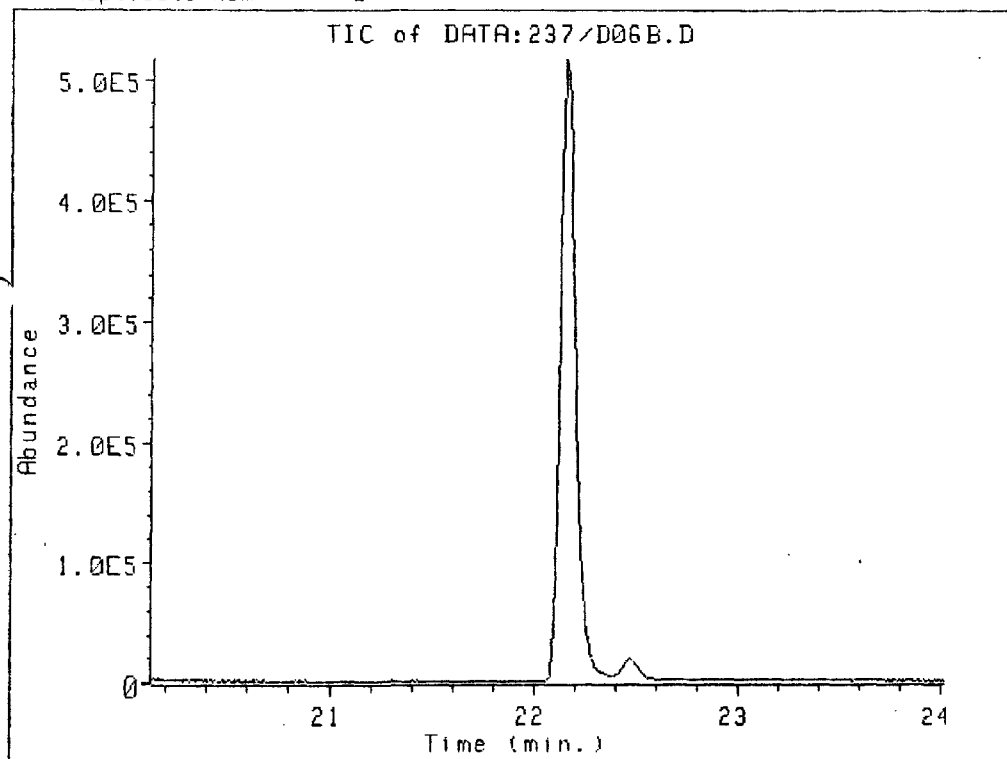
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.133	UU	0.073	719618	21.897	22.312
2	22.471	UU	0.085	460414	22.312	22.776

Data file: DATA:237/D06B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:10 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 6
Replicate num : 2



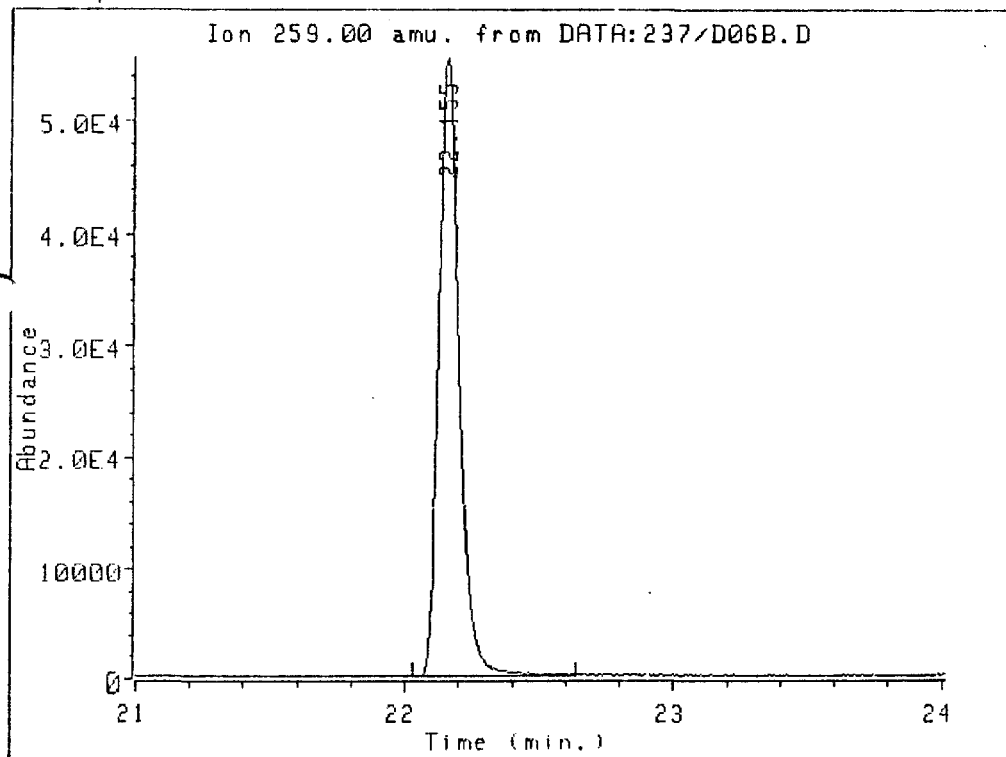
024121

Data file: DATA:237/D06B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:10 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 2



Ion 259.00 amu. from DATA:237/D06B.D
CALIBRATION SOLN IV

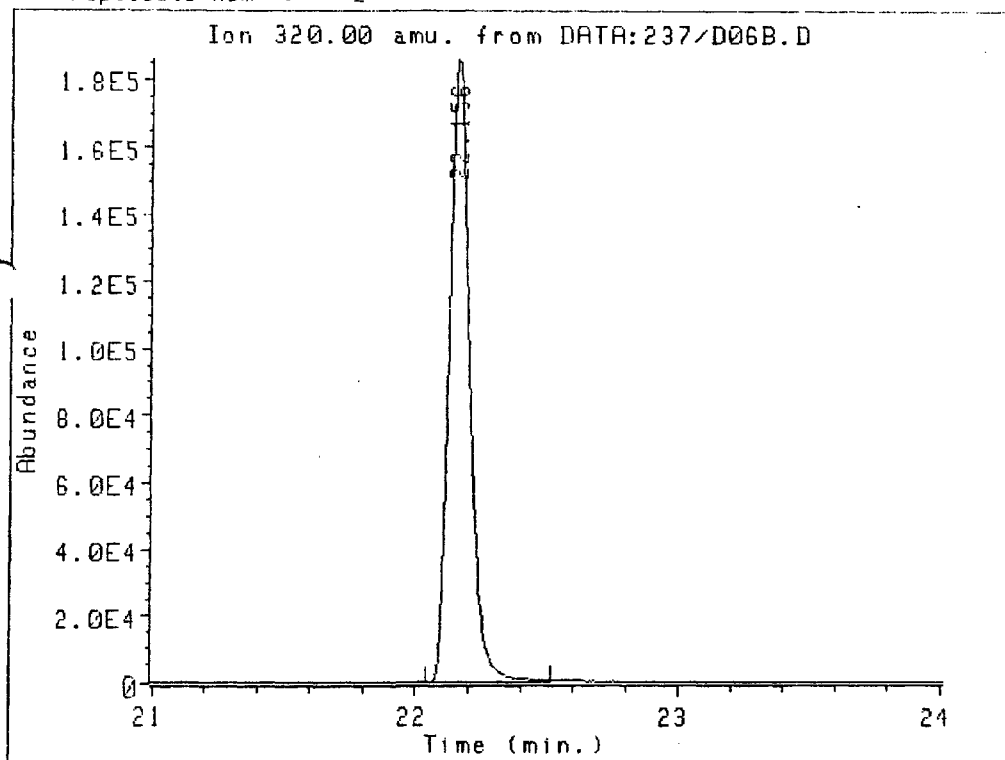
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.155	BB	0.085	2987909	22.029	22.636

Data file: DATA:237/D06B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:10 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
Als bottle num : 6
Replicate num : 2



Ion 320.00 amu. from DATA:237/D06B.D
CALIBRATION SOLN IV

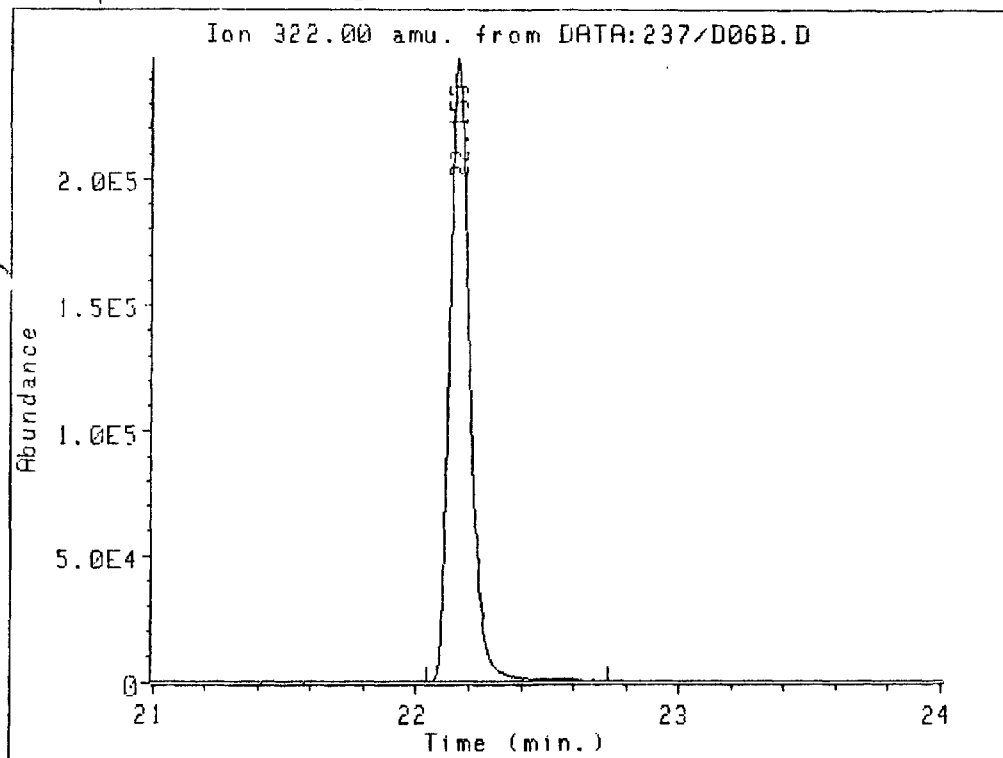
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.156	BU	0.082	9946524	22.042	22.513

Data file: DATA:237/D06B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:10 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 2



Ion 322.00 amu. from DATA:237/D06B.D
CALIBRATION SOLN IV

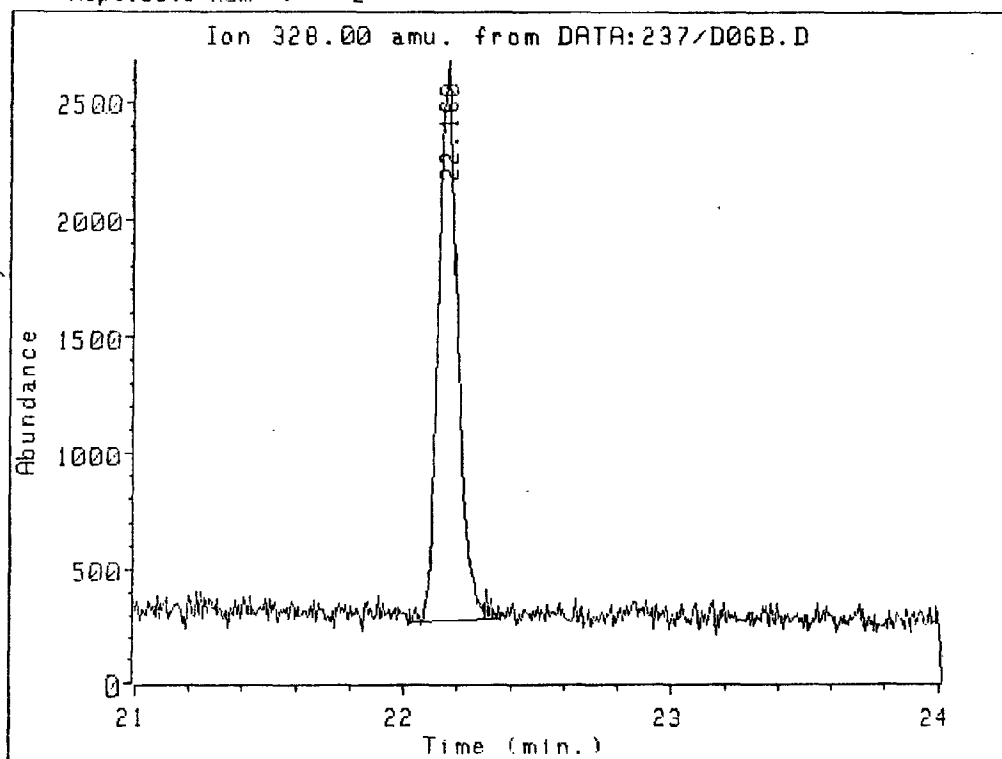
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.155	BV	0.081	13140369	22.042	22.271

Data file: DATA:237/D06B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:10 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 2



Ion 328.00 amu. from DATA:237/D06B.D
CALIBRATION SOLN IV

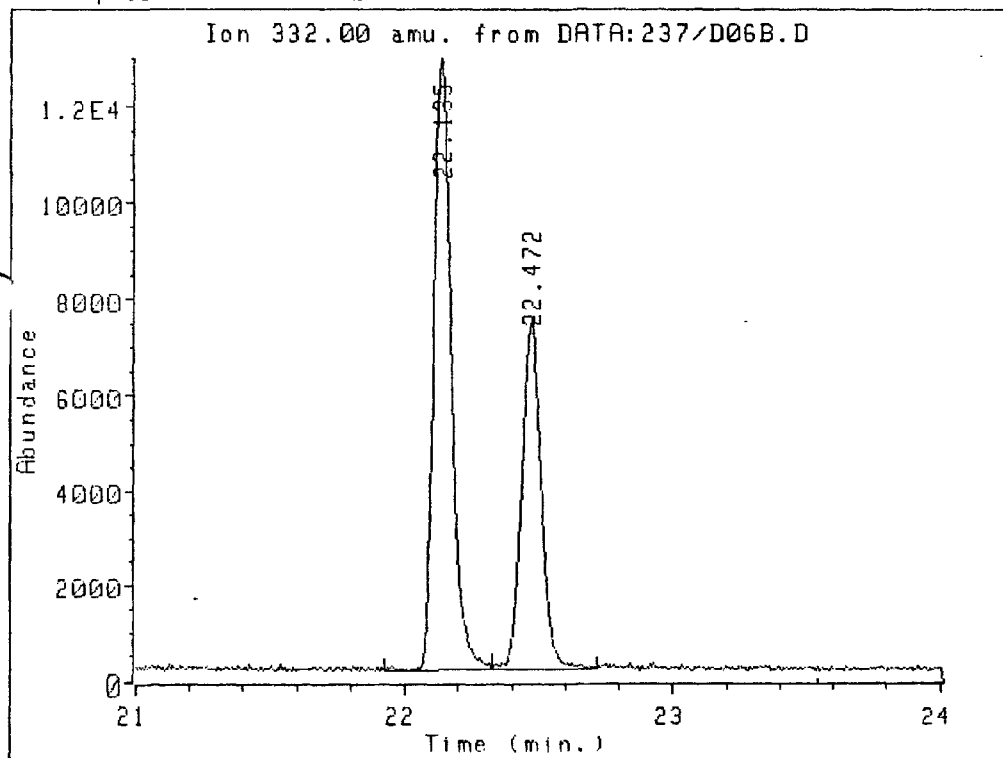
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.160	BB	0.074	122940	22.023	22.363

Data file: DATA:237/D06B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:10 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 2



Ion 332.00 amu. from DATA:237/D06B.D
CALIBRATION SOLN IV

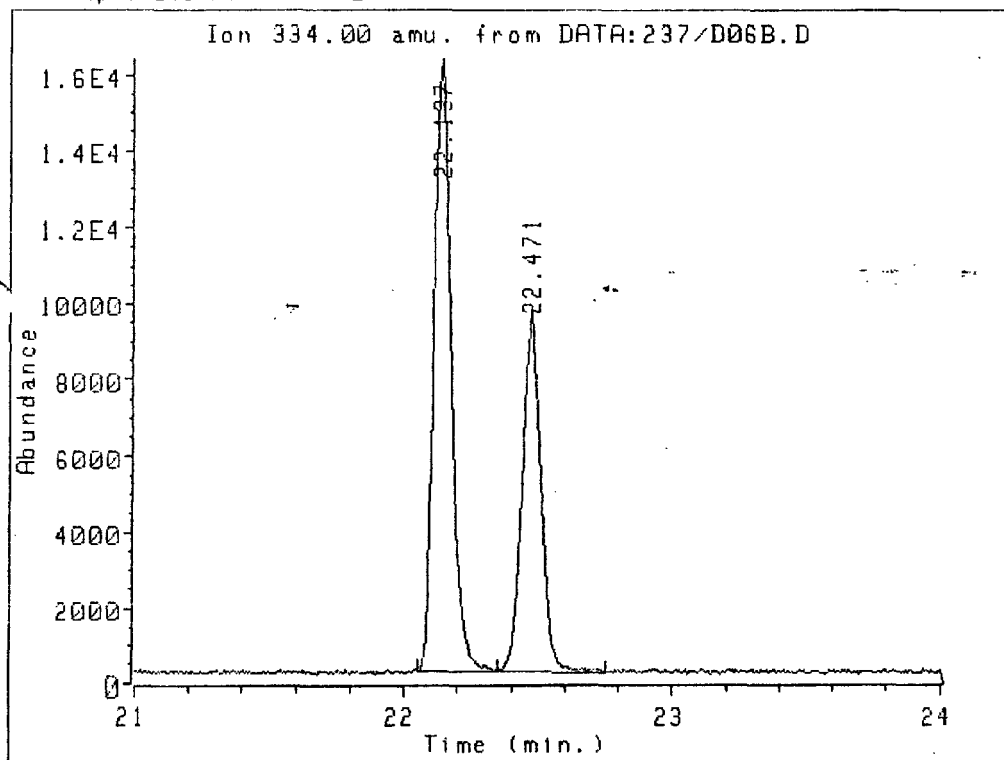
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.135	BU	0.069	593209	21.925	22.327
2	22.472	UU	0.075	376656	22.327	22.715

Data file: DATA:237/D06B.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:10 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 2



Ion 334.00 amu. from DATA:237/D06B.D
CALIBRATION SOLN IV

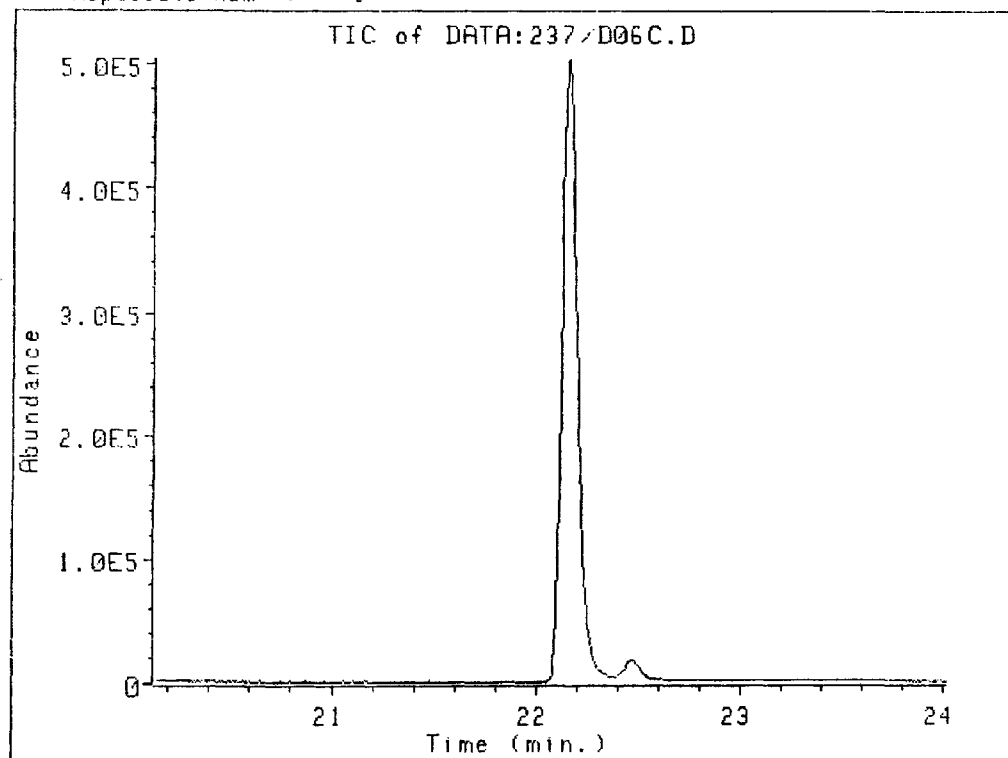
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.137	BU	0.071	734086	22.054	22.351
2	22.471	UB	0.070	465924	22.351	22.749

Data file: DATA:237.D06C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:43 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 3



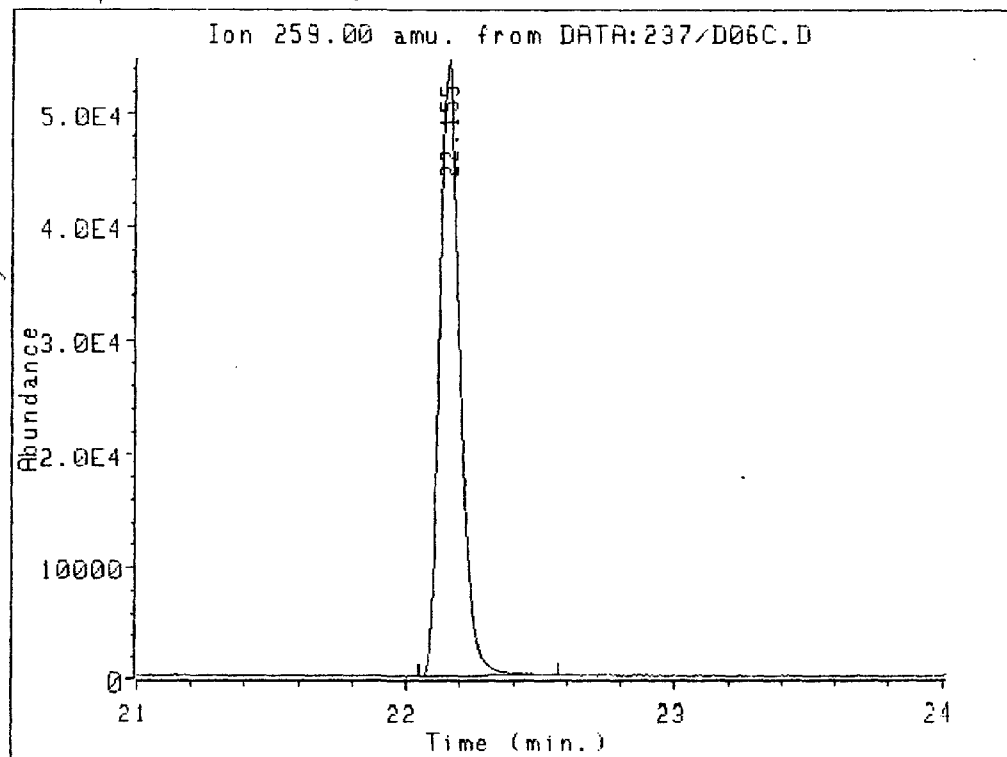
024128

Data file: DATA:237/D06C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:43 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 3



Ion 259.00 amu. from DATA:237/D06C.D
CALIBRATION SOLN IV

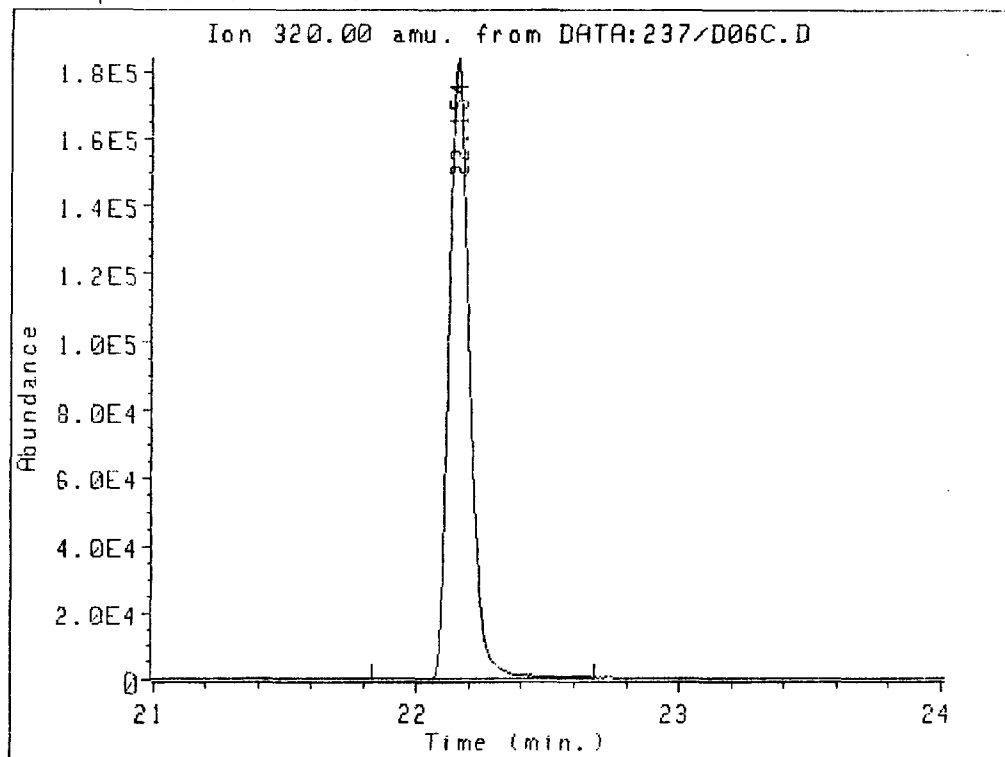
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.155	BB	0.082	2913639	22.045	22.563

Data file: DATA:237/D06C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:43 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 3



Ion 320.00 amu. from DATA:237/D06C.D
CALIBRATION SOLN IV

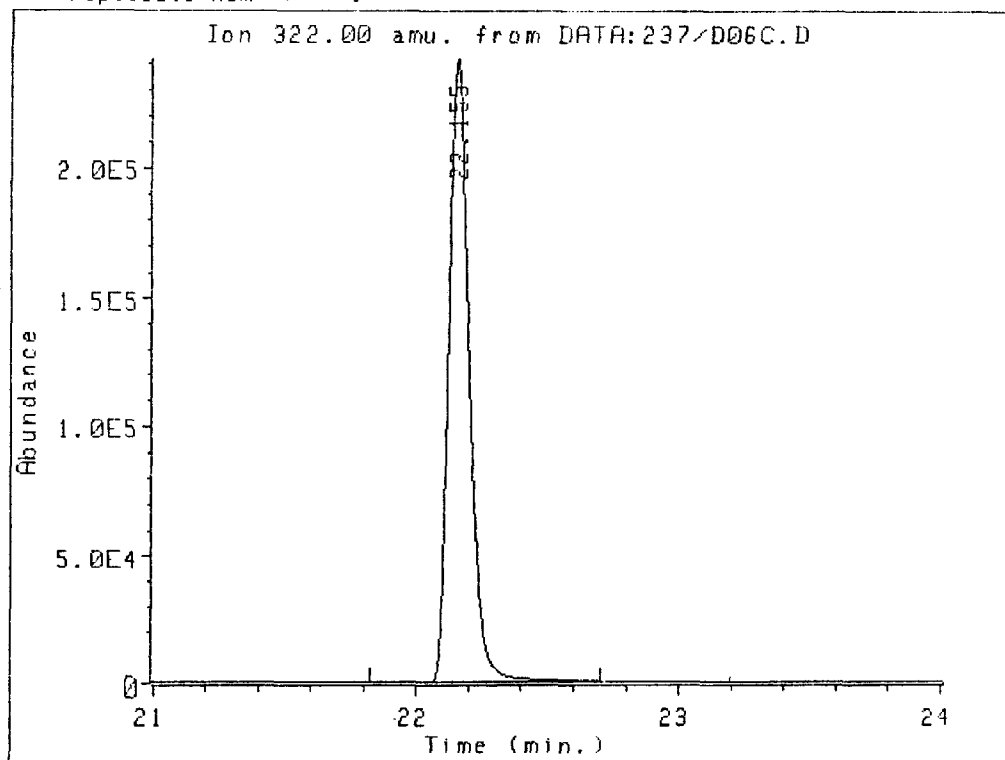
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.154	BB	0.083	9854770	21.827	22.676

Data file: DATA:237/D06C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN 1U
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:43 am
Instrument: IIS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 3



Ion 322.00 amu. from DATA:237/D06C.D
CALIBRATION SOLN 1U

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.155	BU	0.082	12947345	21.824	22.700

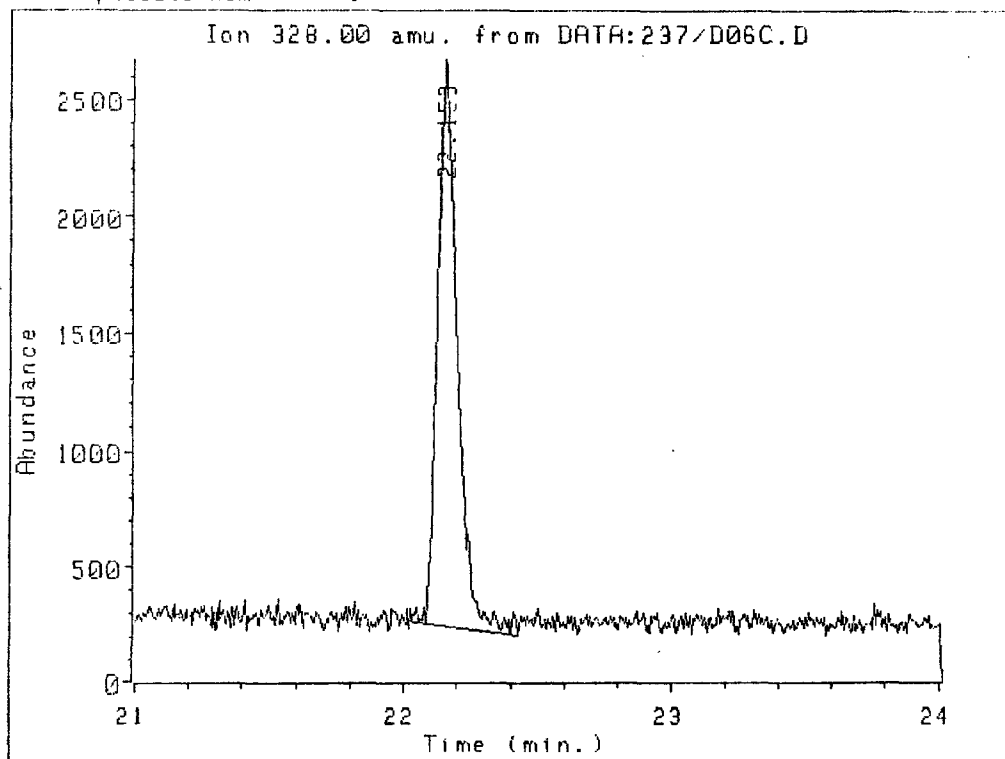
024131

Data file: DATA:237/D06C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN 10
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:43 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 3



Ion 328.00 amu. from DATA:237/D06C.D
CALIBRATION SOLN 10

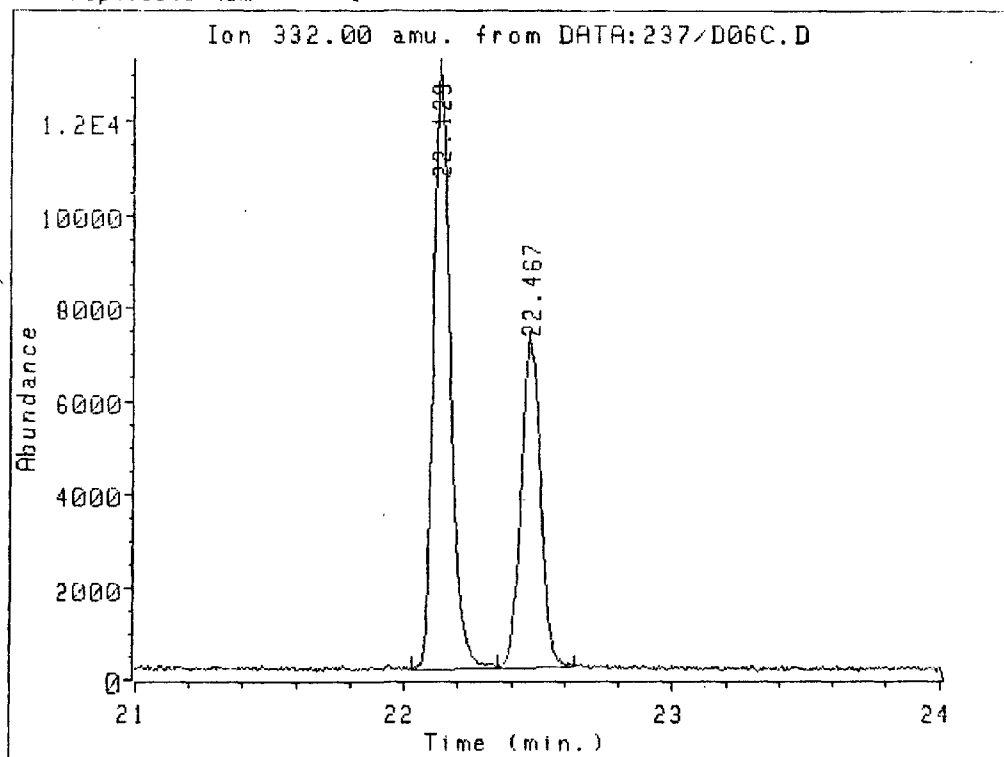
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.153	BB	0.081	127140	22.011	22.425

Data file: DATA:237/D06C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:43 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 6
Replicate num : 3



Ion 332.00 amu. from DATA:237/D06C.D
CALIBRATION SOLN IV

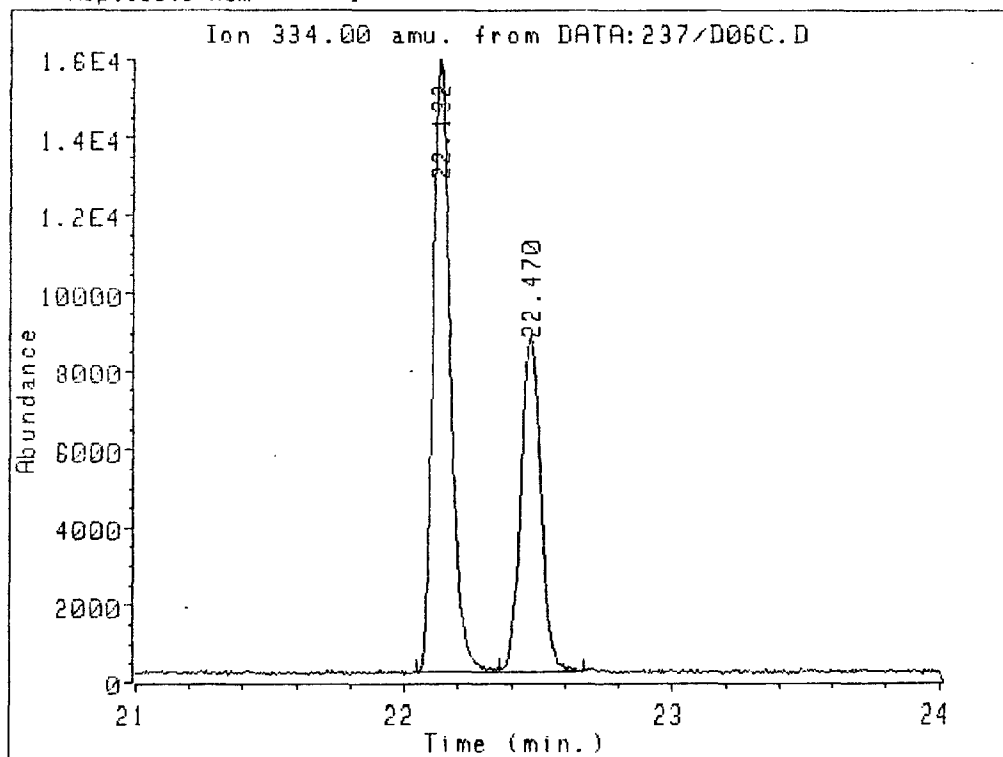
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.129	BU	0.072	577073	22.027	22.348
2	22.467	UU	0.079	367405	22.348	22.636

Data file: DATA:237/D06C.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN IV
Misc Info:
Operator : TMS

Date : 25 Aug 88 2:45 am
Instrument: MS_5970
Inlet : GC

Sequence index : 4
ALS bottle num : 0
Replicate num : 3



Ion 334.00 amu. from DATA:237/D06C.D
CALIBRATION SOLN IV

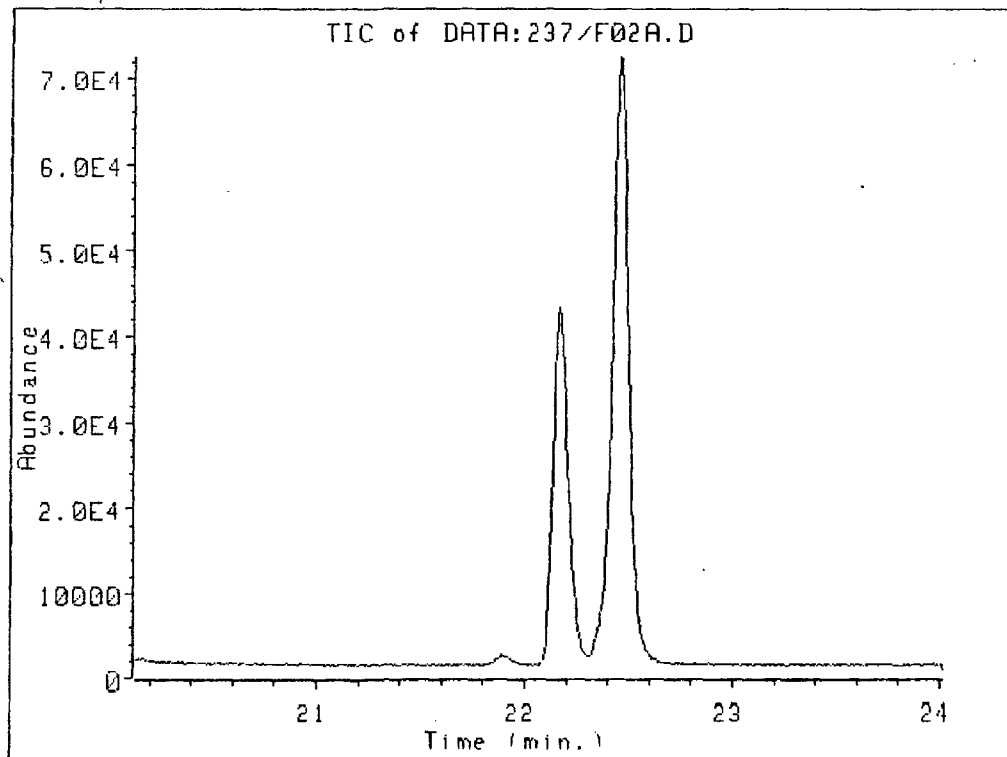
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.132	BU	0.072	723350	22.045	22.357
2	22.470	UU	0.081	453120	22.357	22.670

Data file: DATA:237/F02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 25 Aug 88 3:32 am
Instrument: MS_5970
Inlet : GC

Sequence index : 6
ALS bottle num : 2
Replicate num : 1



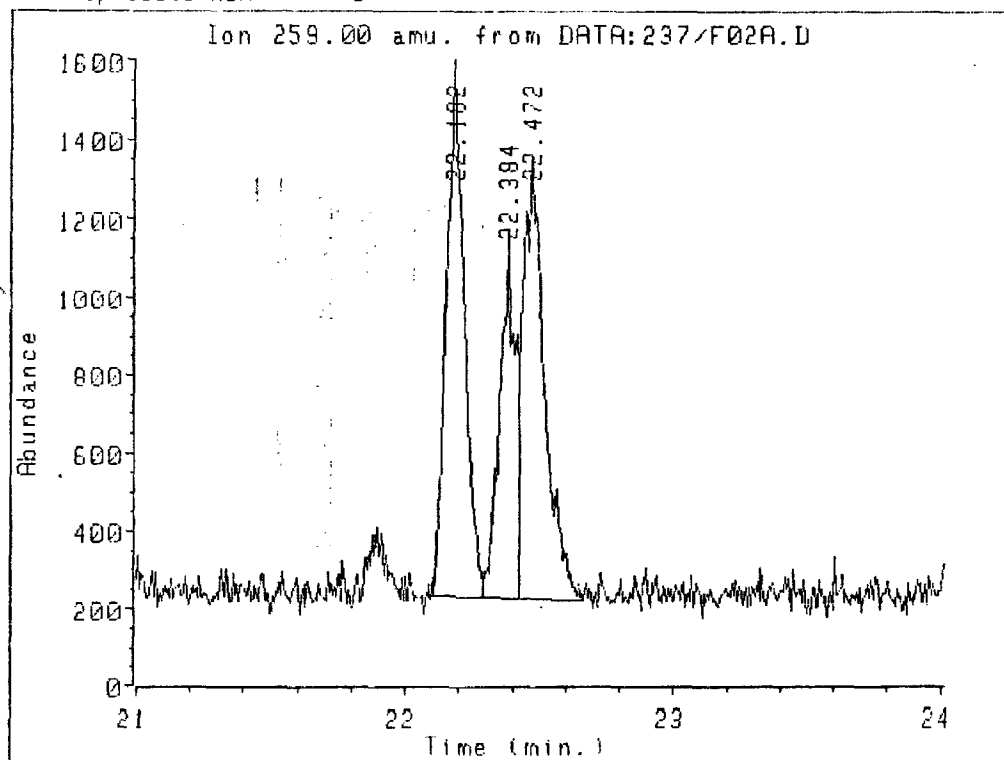
024135

Data file: DATA:237/F02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 25 Aug 88 3:32 am
Instrument: MS_5970
Inlet : GC

Sequence index : 6
ALS bottle num : 2
Replicate num : 1



Ion 259.00 amu. from DATA:237/F02A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.182	BU	0.065	64019	22.080	22.290
2	22.384	UB	0.057	37106	22.290	22.425
3	22.472	UB	0.078	62735	22.425	22.664

03224347

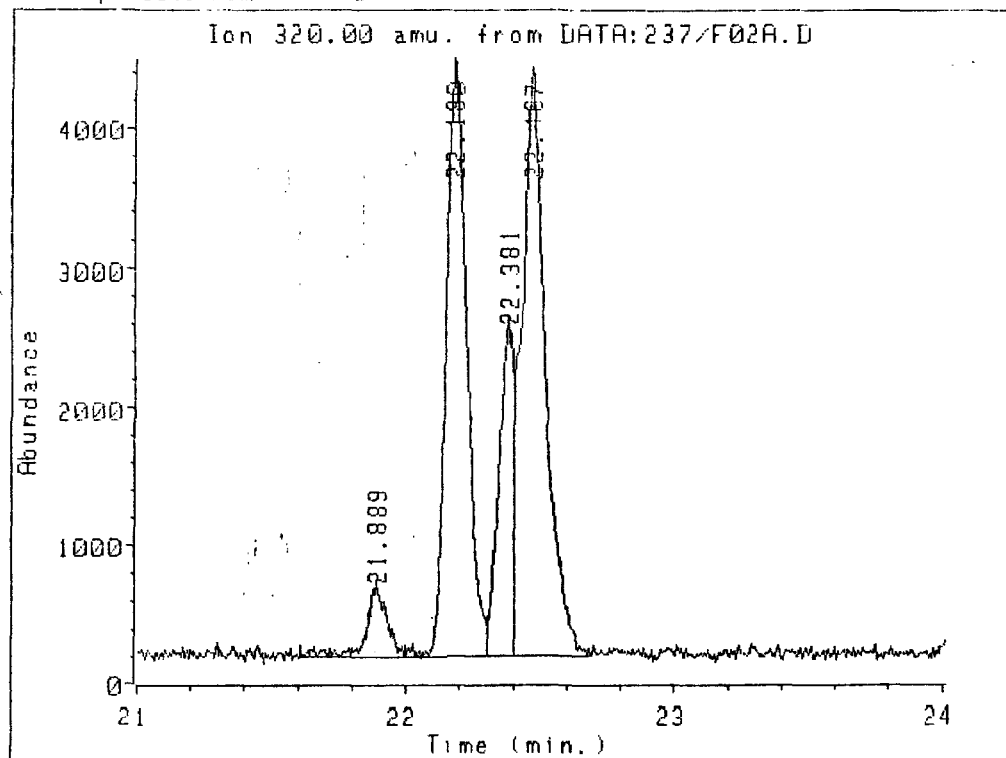
024136

Data file: DATA:237/F02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 25 Aug 88 3:32 am
Instrument: HS_5970
Inlet : GC

Sequence index : 6
Hls bottle num : 2
Replicate num : 1



Ion 320.00 amu. from DATA:237/F02A.D
COLUMN PERFORMANCE MIX

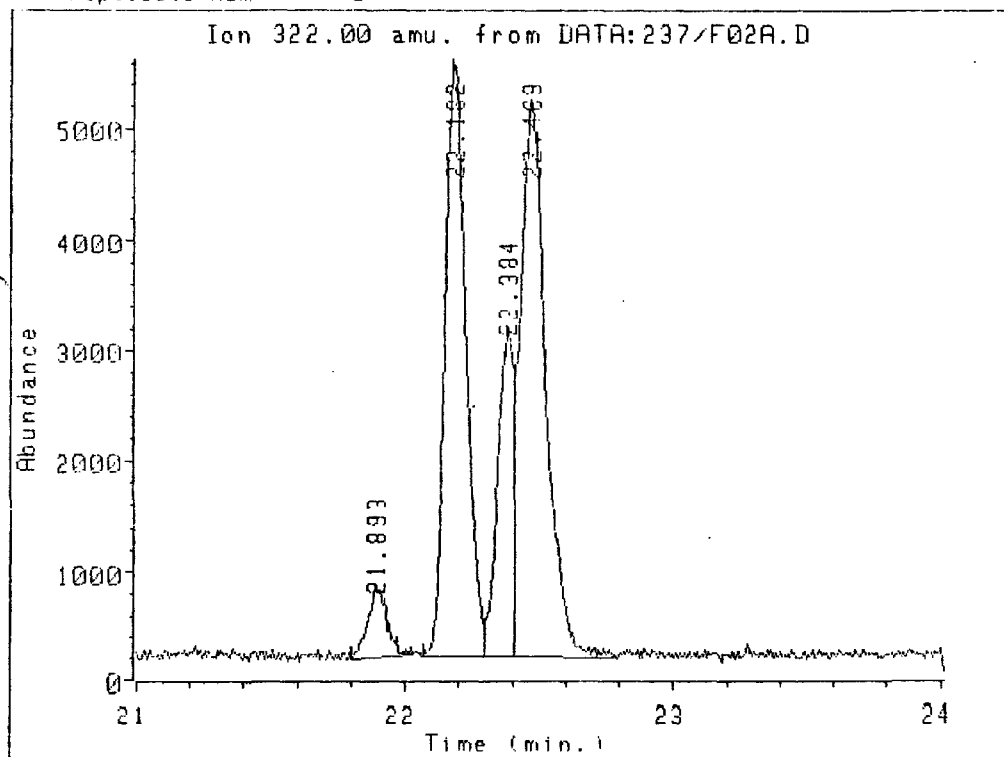
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.889	BU	0.075	29682	21.607	21.999
2	22.180	UU	0.084	229920	21.999	22.302
3	22.381	UU	0.057	88622	22.302	22.403
4	22.467	UB	0.083	260334	22.403	22.694

Data file: DATA:237/F02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 25 Aug 88 3:32 am
Instrument: IIS_5970
Inlet : GC

Sequence index : 6
ALS bottle num : 2
Replicate num : 1



Ion 322.00 amu. from DATA:237/F02A.D
COLUMN PERFORMANCE MIX

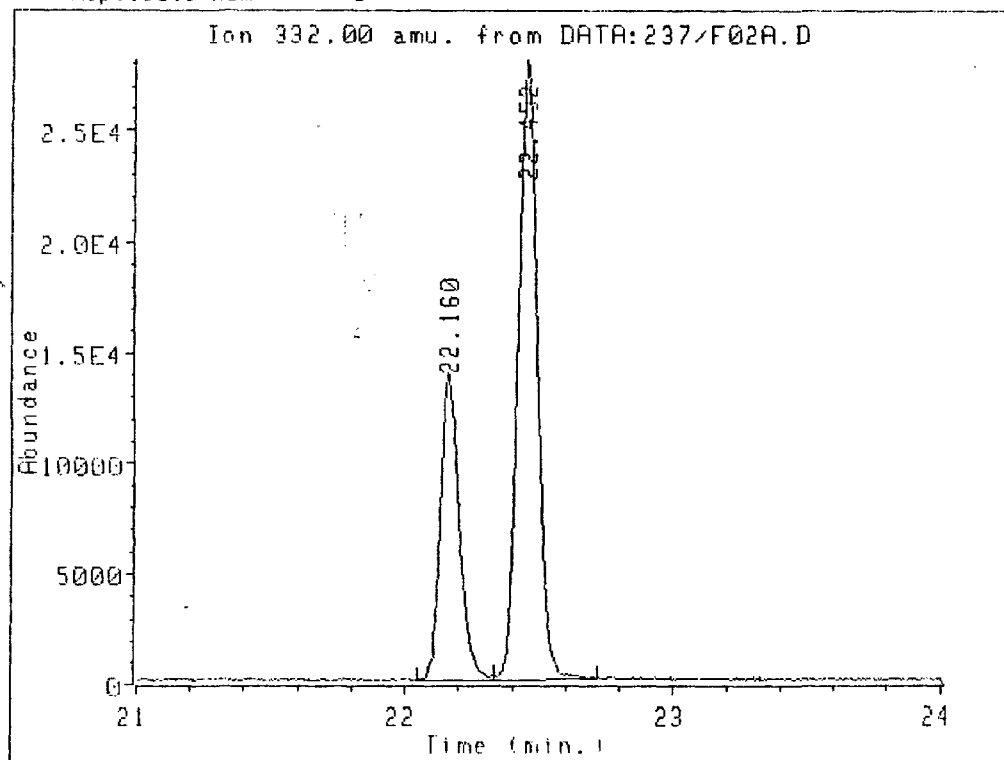
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.893	BB	0.073	33010	21.803	22.030
2	22.182	BU	0.081	294138	22.066	22.296
3	22.384	UU	0.067	117665	22.296	22.406
4	22.469	UB	0.101	337601	22.406	22.774

Data file: DATA:237/F02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 25 Aug 88 3:32 am
Instrument: HS_5970
Inlet : GC

Sequence index : 6
Als bottle num : 2
Replicate num : 1



Ion 332.00 amu. from DATA:237/F02A.D
COLUMN PERFORMANCE MIX

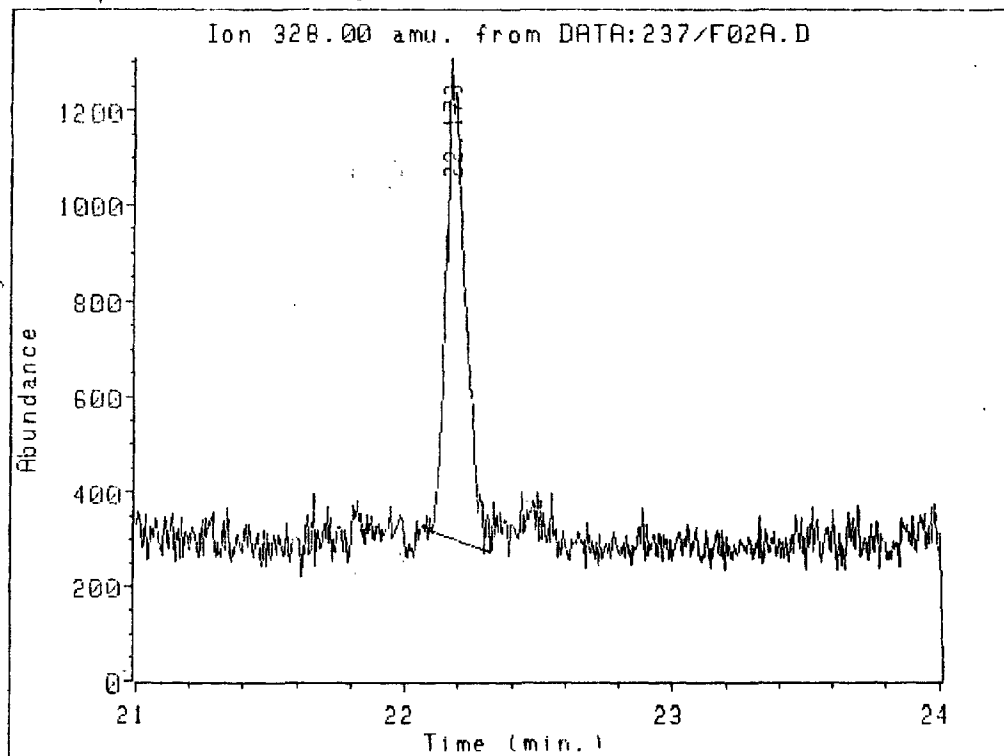
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.160	BU	0.076	679941	22.046	22.333
2	22.452	UU	0.078	1394022	22.333	22.716

Data file: DATA:237/F02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 25 Aug 88 3:32 am
Instrument: MS_5970
Inlet : GC

Sequence index : 6
ALS bottle num : 2
Replicate num : 1



Ion 328.00 amu. from DATA:237/F02A.D
COLUMN PERFORMANCE MIX

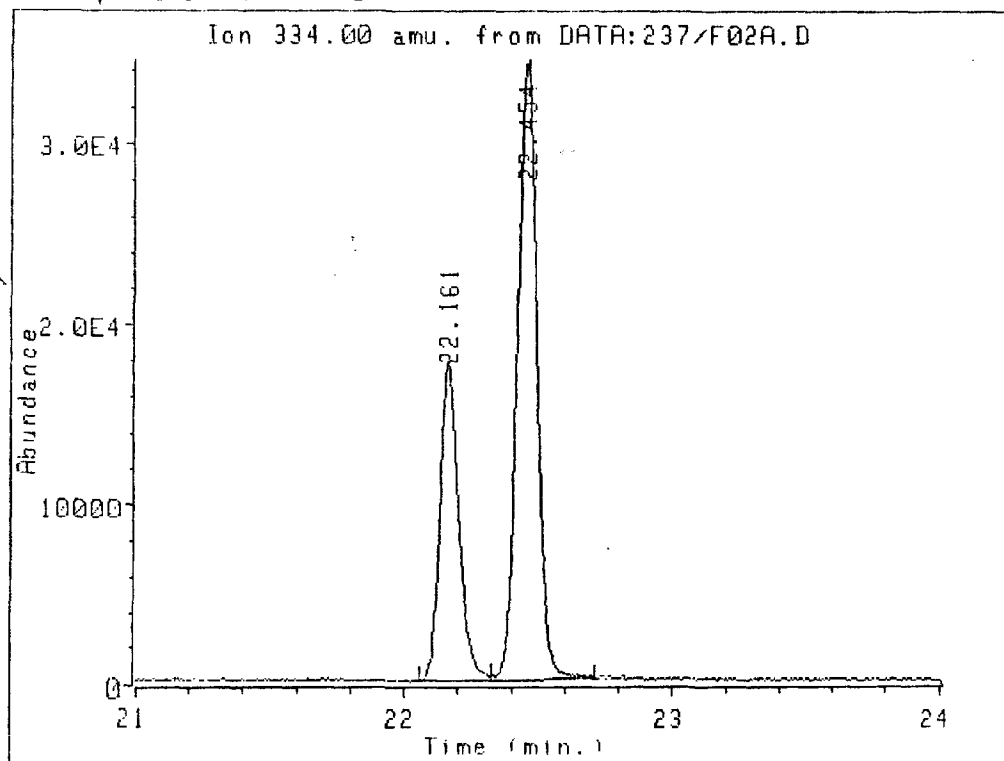
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.173	BB	0.072	49969	22.094	22.321

Data file: DATA:237/F02A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 25 Aug 88 3:32 am
Instrument: HS_5970
Inlet : GC

Sequence index : 6
ALS bottle num : 2
Replicate num : 1



Ion 334.00 amu. from DATA:237/F02A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.161	BU	0.075	864292	22.057	22.324
2	22.454	UU	0.082	1236357	22.324	22.710

Data file: DATA:233AA02A.D
File type: GC / MS DATA FILE

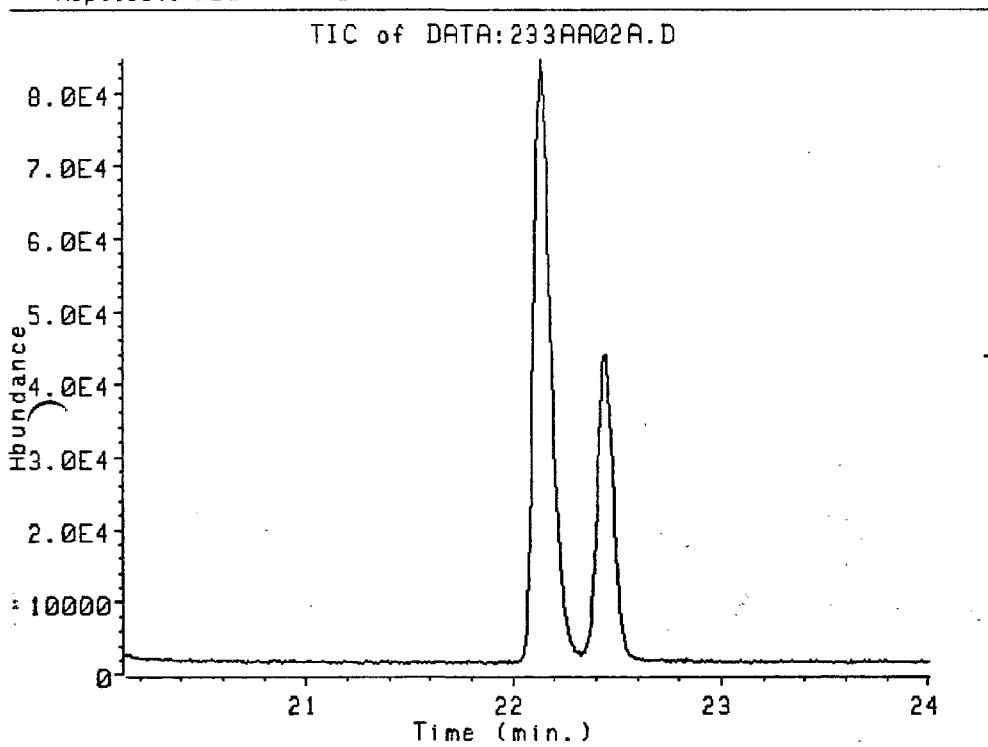
HER0819A/0919A-08

4 2415

Name Info: CONTINUING CALIBRATION STANDARD 1
Misc Info:
Operator : TMS

Date : 19 Aug 88 5:09 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 1



024142

03224353

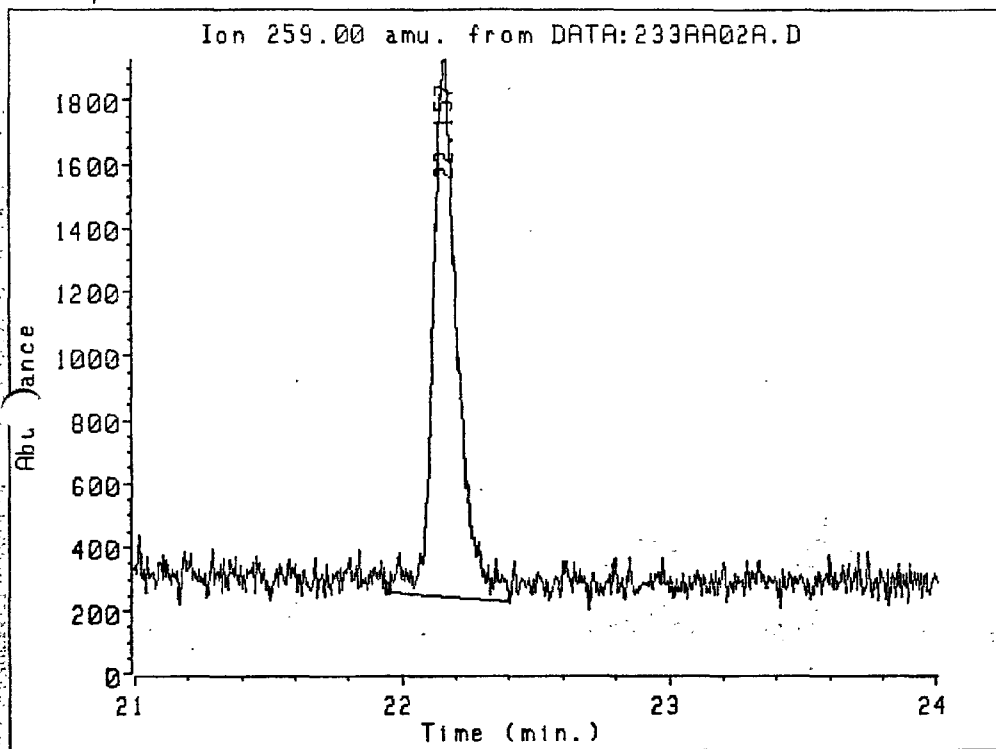
Data file: DATA:233AA02A.D
File type: GC / MS DATA FILE

4 2416

Name Info: CONTINUING CALIBRATION STANDARD I
Misc Info:
Operator : TMS

Date : 19 Aug 88 5:09 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 1



Ion 259.00 amu. from DATA:233AA02A.D
CONTINUING CALIBRATION STANDARD I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.157	BU	0.086	107772	21.958	22.402

024143

03224354

Data file: DATA:233AA02A.D
File type: GC / MS DATA FILE

4 2417

Name Info: CONTINUING CALIBRATION STANDARD I

Misc Info:

Operator : TMS

Date : 19 Aug 88 5:09 pm

Instrument: MS_5970

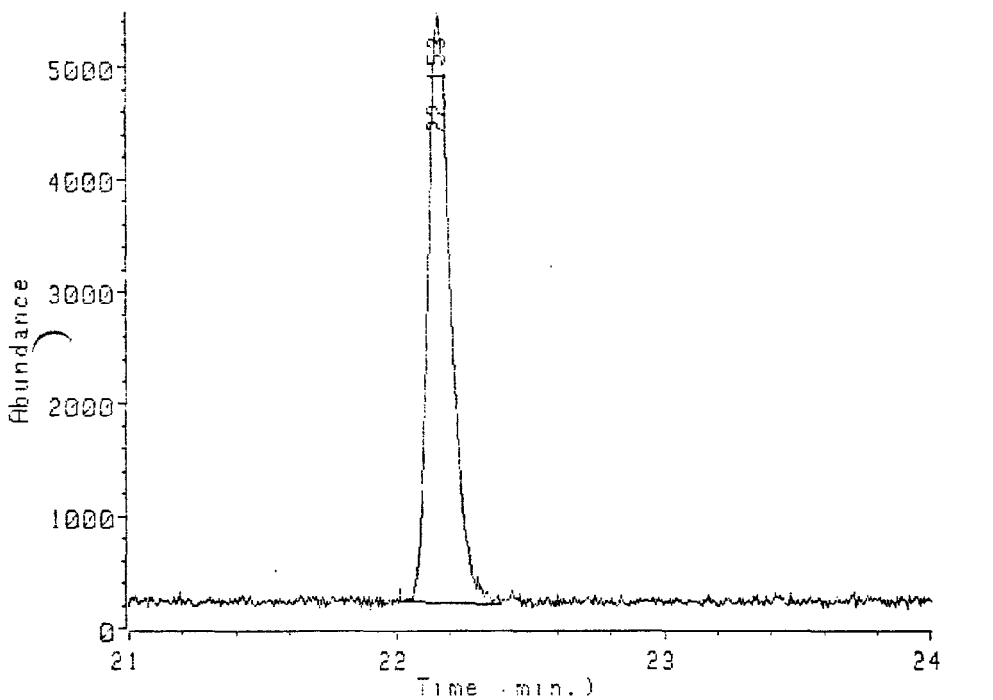
Inlet : GC

Sequence index : 1

Als bottle num : 2

Replicate num : 1

Ion 320.00 amu. from DATA:233AA02A.D



024144

Ion 320.00 amu. from DATA:233AA02A.D

CONTINUING CALIBRATION STANDARD I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.153	SP	0.082	315624	22.013	22.395

03224355

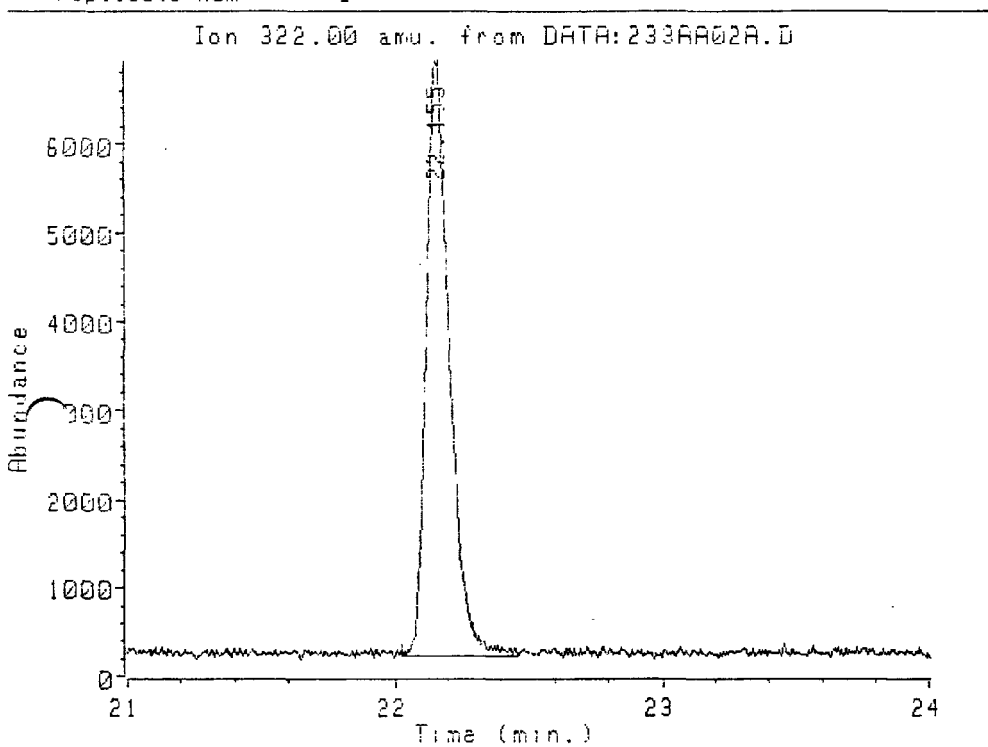
Data file: DATA:233AA02A.D
File type: GC / MS DATA FILE

Name Info: CONTINUING CALIBRATION STANDARD I
Misc Info:
Operator : TMS

4 2418

Date : 19 Aug 88 5:09 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
ALS bottle num : 2
Replicate num : 1



024145

Ion 322.00 amu. from DATA:233AA02A.D
CONTINUING CALIBRATION STANDARD I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.155	BU	0.084	410624	22.025	22.465

03224356

Name Info: CONTINUING CALIBRATION STANDARD I

Misc Info:

Operator : TMS

Date : 19 Aug 88 5:09 pm

Instrument: MS_5970

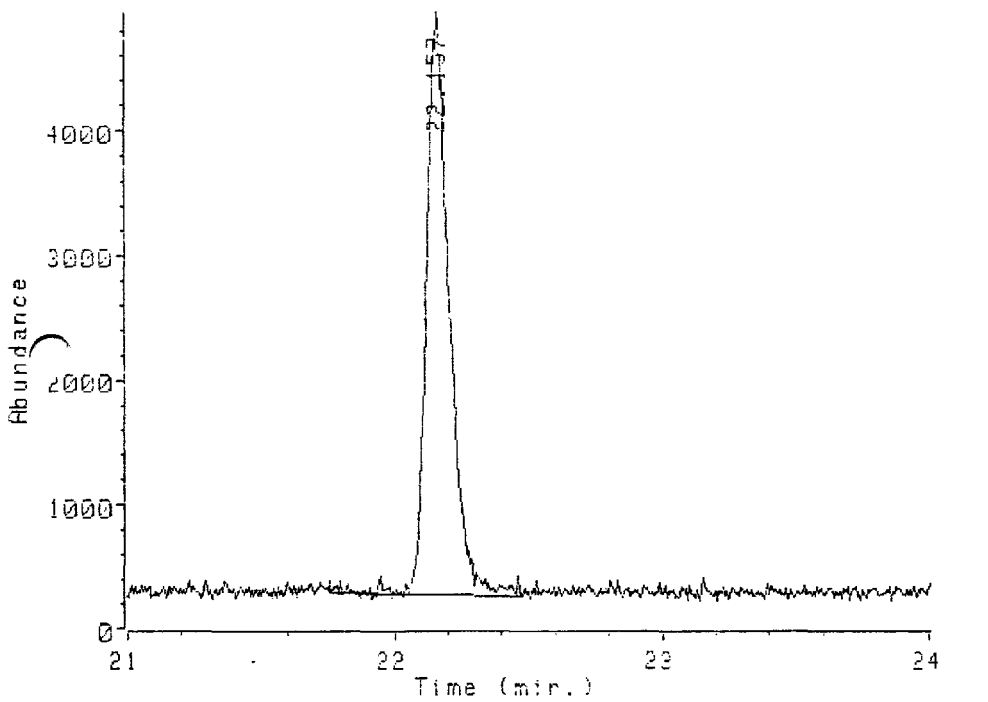
Inlet : GC

Sequence index : 1

Als bottle num : 2

Replicate num : 1

Ion 328.00 amu. from DATA:233A902A.D



Ion 329.00 amu. from DATA:233AA02A.D
CONTINUING CALIBRATION STANDARD I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.157	BE	0.086	279448	21.759	22.575

024146

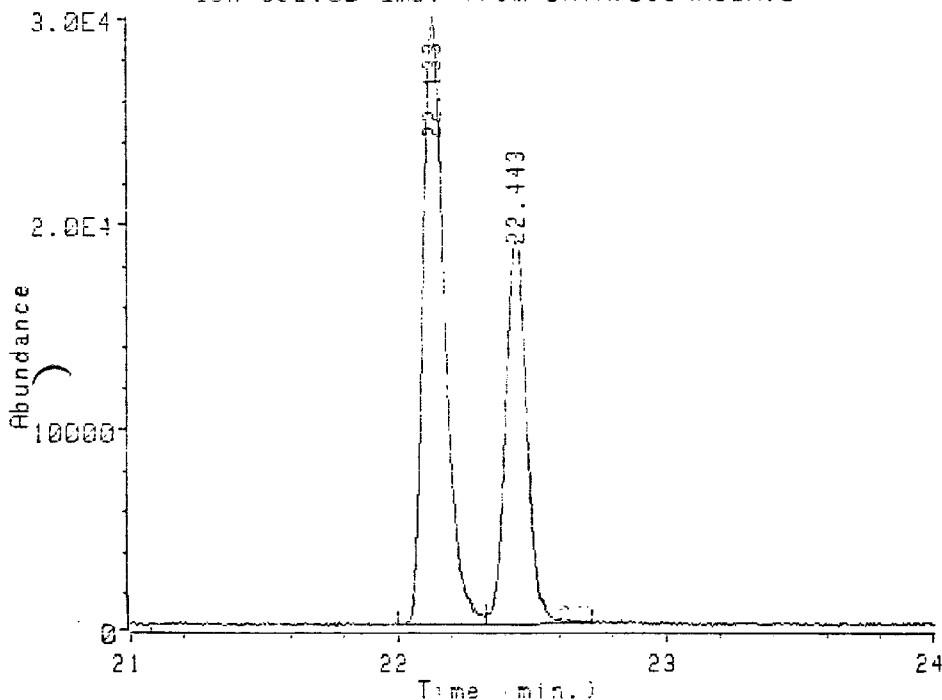
Data file: DATA:233AA02A.D
File type: GC / MS DATA FILE

Name Info: CONTINUING CALIBRATION STANDARD I
Misc Info:
Operator : TMS

Date : 19 Aug 88 5:09 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 2
Replicate num : 1

Ion 332.00 amu. from DATA:233AA02A.D



Ion 332.00 amu. from DATA:233AA02A.D
CONTINUING CALIBRATION STANDARD I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.133	BC	0.085	1254619	22.001	22.325
2	22.443	UU	0.087	1047639	22.325	22.724

024147

03224358

Data file: DATA:233AA02A.D
File type: GC / MS DATA FILE

4 2421

Name Info: CONTINUING CALIBRATION STANDARD I

Misc Info:

Operator: TMS

Date : 19 Aug 38 5:09 pm

Instrument: MS_5970

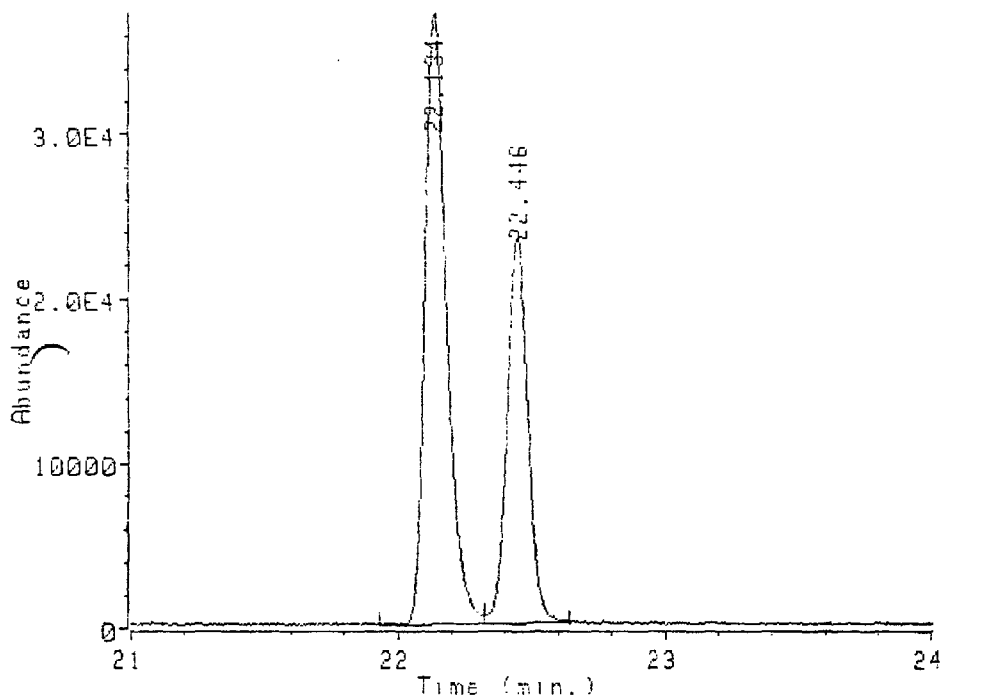
Inlet : GC

Sequence index : 1

Als bottle num : 2

Replicate num : 1

Ion 334.00 amu. from DATA:233AA02A.D



Ion 334.00 amu. from DATA:233AA02A.D
CONTINUING CALIBRATION STANDARD I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.134	UU	0.084	2072875	21.933	22.302
2	22.446	UU	0.084	1238978	22.322	22.644

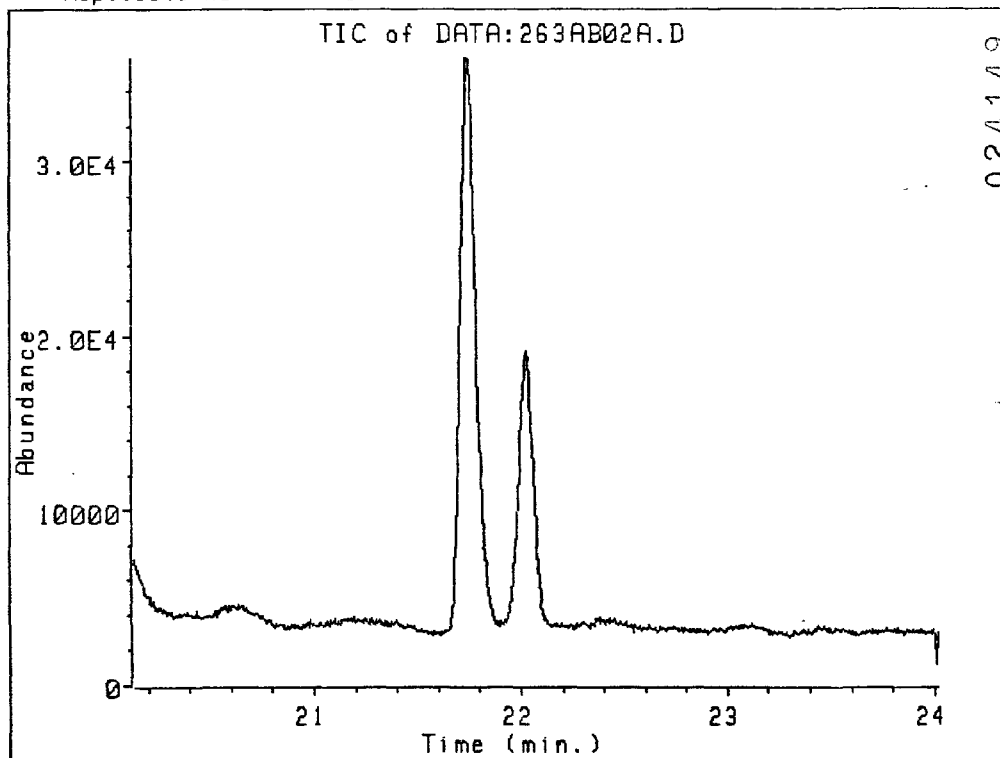
024148

03224359

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 19 Sep 88 2:28 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1



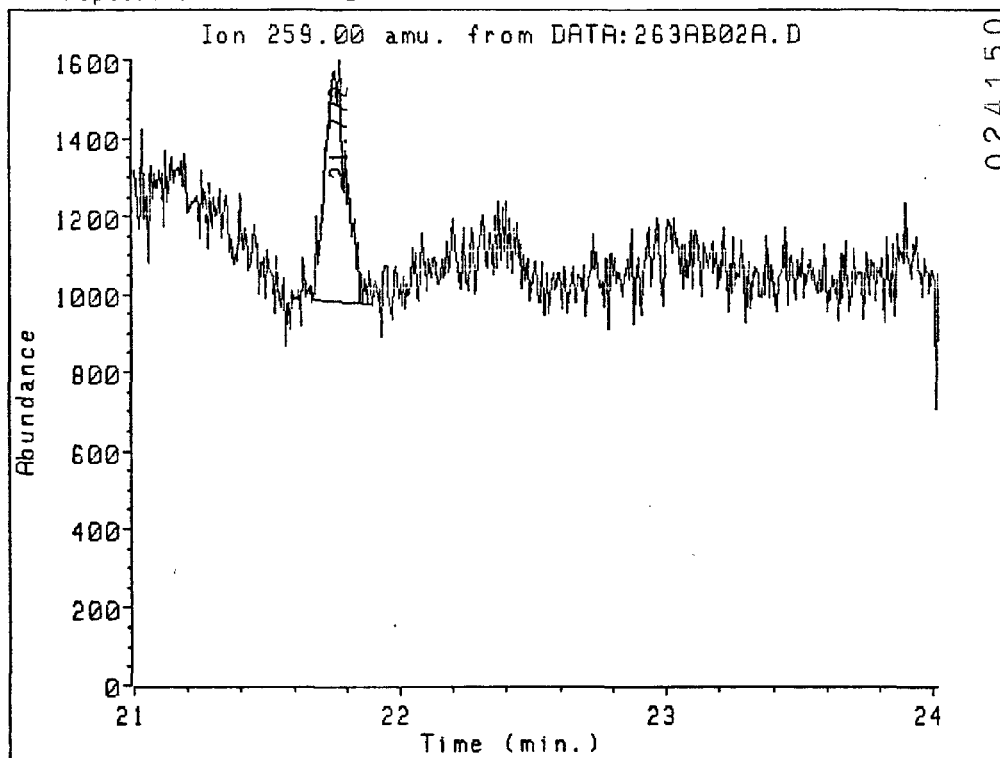
Data file: DATA:263AB02A.D
File type: GC / MS DATA FILE

4 2423

Name Info: CALIBRATION SOLN 1
Misc Info:
Operator : TMS

Date : 19 Sep 88 2:28 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1



Ion 259.00 amu. from DATA:263AB02A.D
CALIBRATION SOLN 1

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.772	BB	0.081	34119	21.669	21.896

03224361

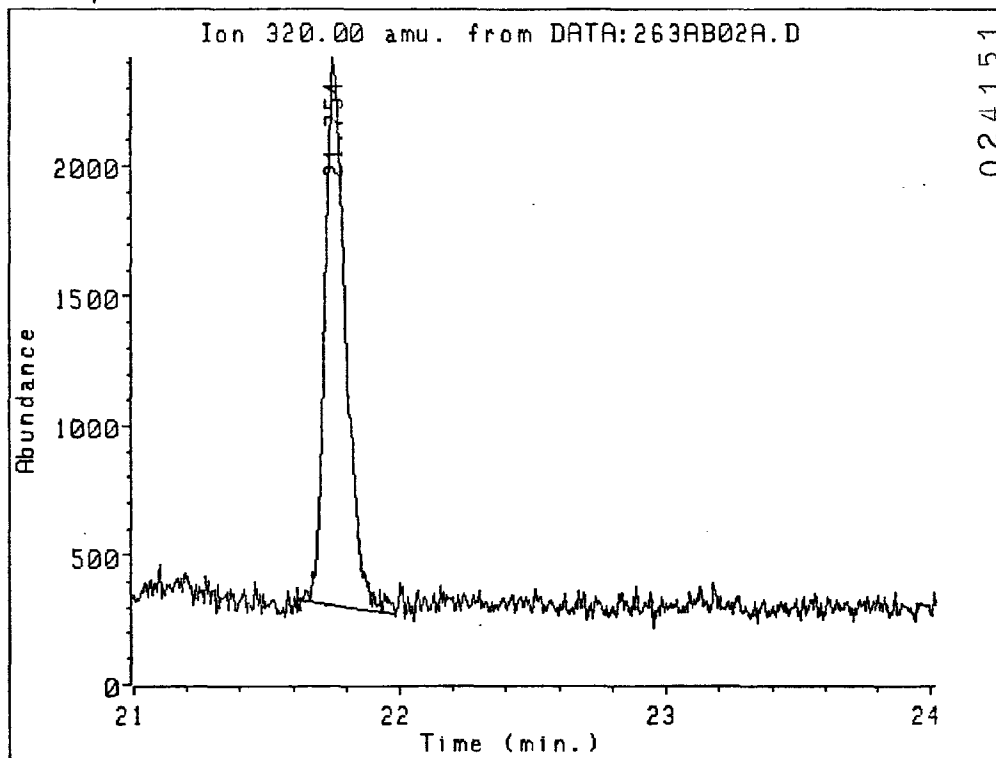
Data file: DATA:263AB02A.D
File type: GC / MS DATA FILE

4 2424

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 19 Sep 88 2:28 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1



Ion 320.00 amu. from DATA:263AB02A.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.754	BU	0.079	116396	21.617	21.982

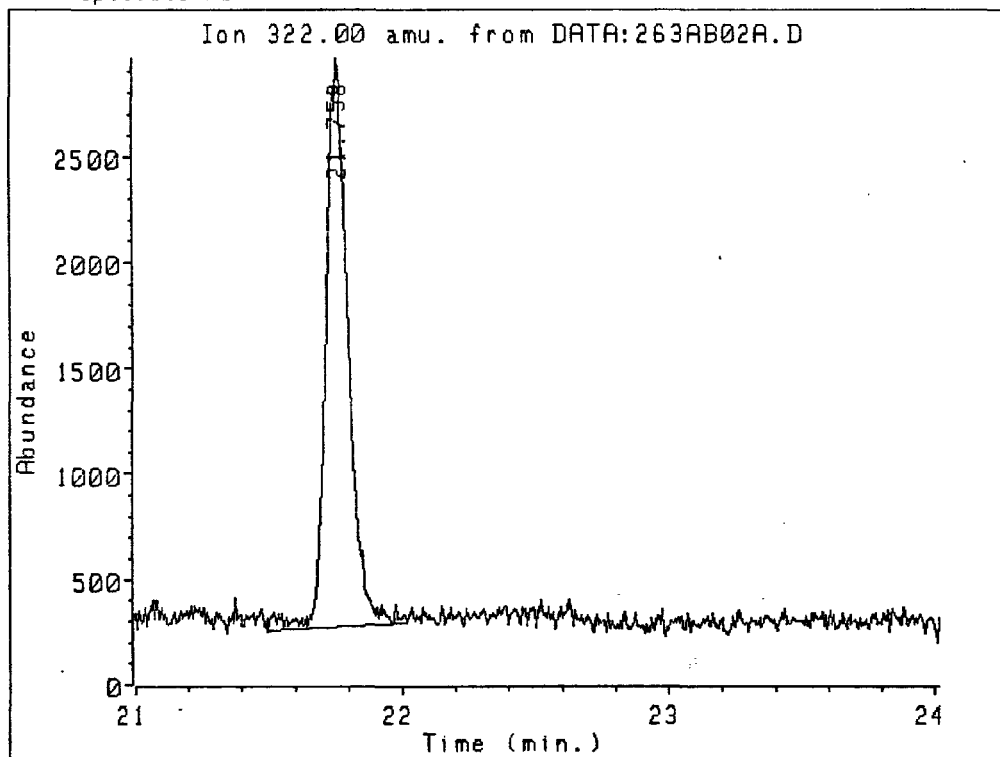
03224362

Data file: DATA:263AB02A.D
File type: GC / MS DATA FILE

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 19 Sep 88 2:28 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1



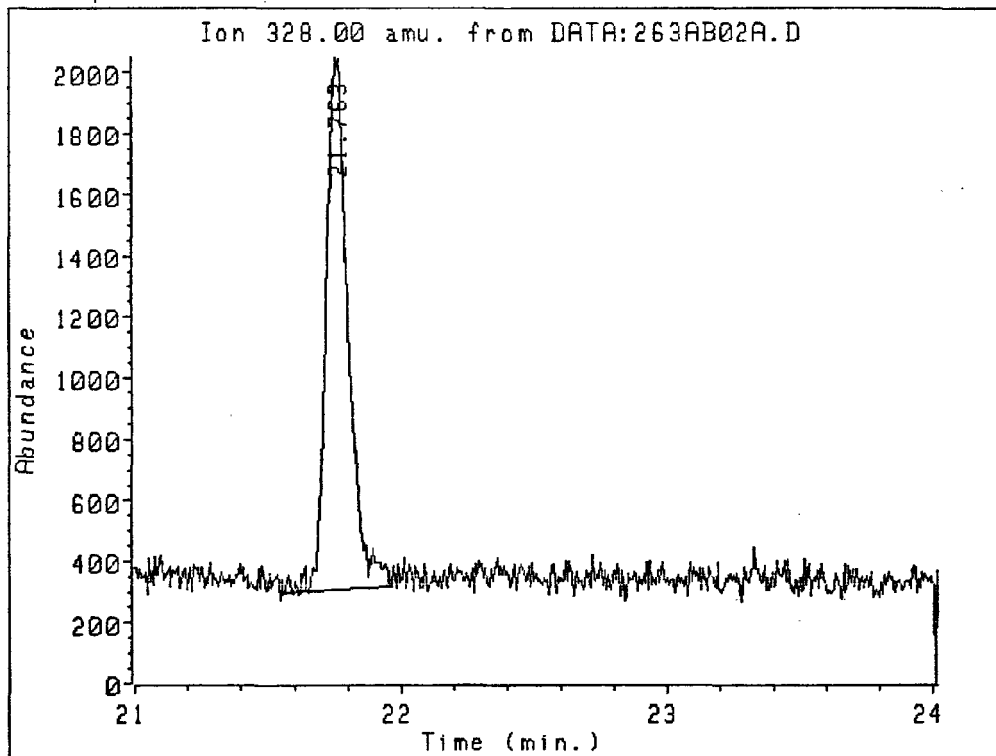
Ion 322.00 amu. from DATA:263AB02A.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.758	PB	0.076	159438	21.495	22.019

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 19 Sep 88 2:28 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1



024153

Ion 328.00 amu. from DATA:263AB02A.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.763	BB	0.081	101739	21.556	21.964

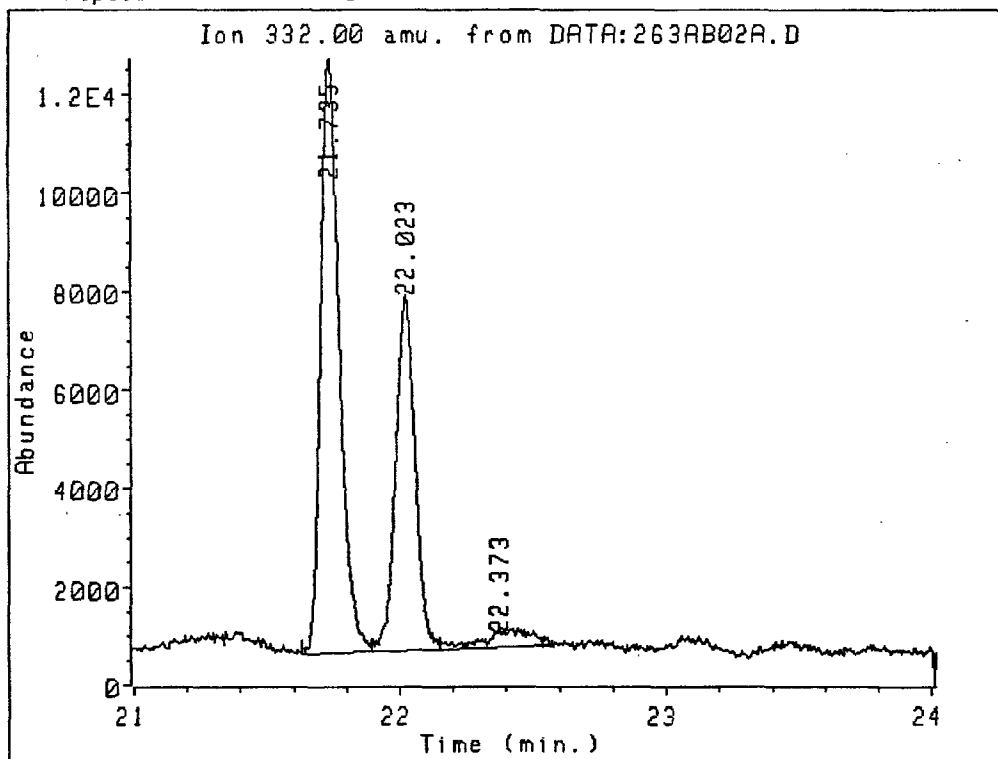
Data file: DATA:263AB02A.D
File type: GC / MS DATA FILE

4 2427

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 19 Sep 88 2:28 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1



Ion 332.00 amu. from DATA:263AB02A.D
CALIBRATION SOLN I

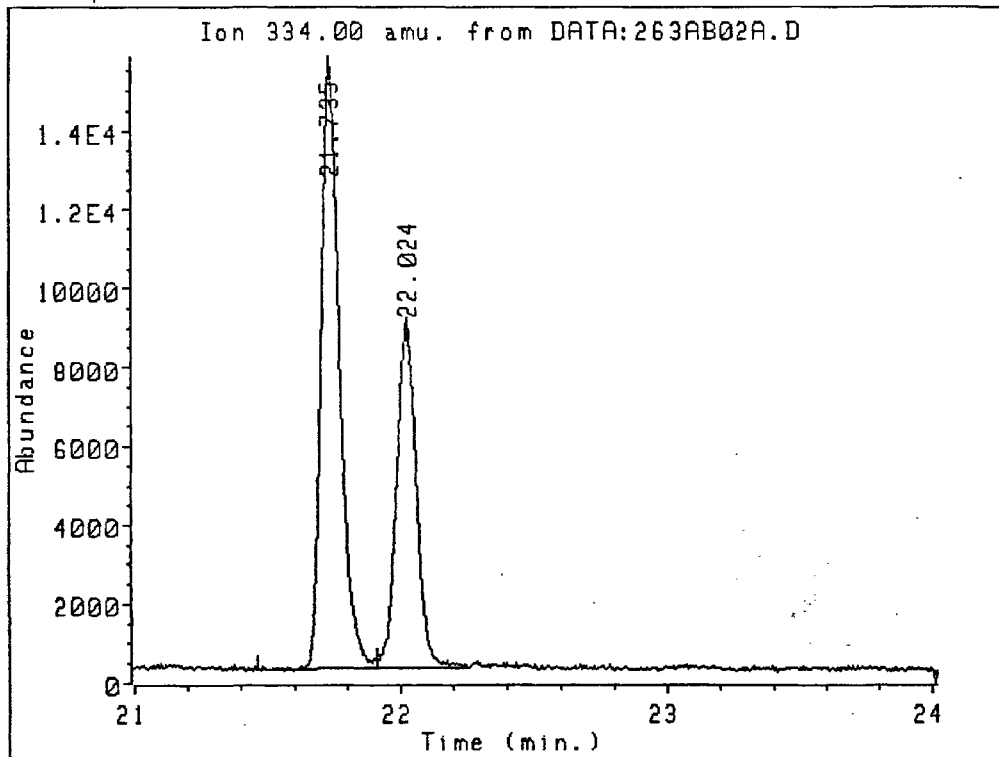
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.735	BV	0.079	603625	21.633	21.896
2	22.023	VV	0.073	366453	21.896	22.153
3	22.373	VB	0.156	46328	22.153	22.576

03224365

Name Info: CALIBRATION SOLN I
Misc Info:
Operator : TMS

Date : 19 Sep 88 2:28 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 2
Als bottle num : 2
Replicate num : 1



024155

Ion 334.00 amu. from DATA:263AB02A.D
CALIBRATION SOLN I

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.735	BU	0.078	759169	21.464	21.915
2	22.024	UU	0.079	452800	21.915	22.258

Data file: DATA:233AA01A.D
File type: GC / MS DATA FILE

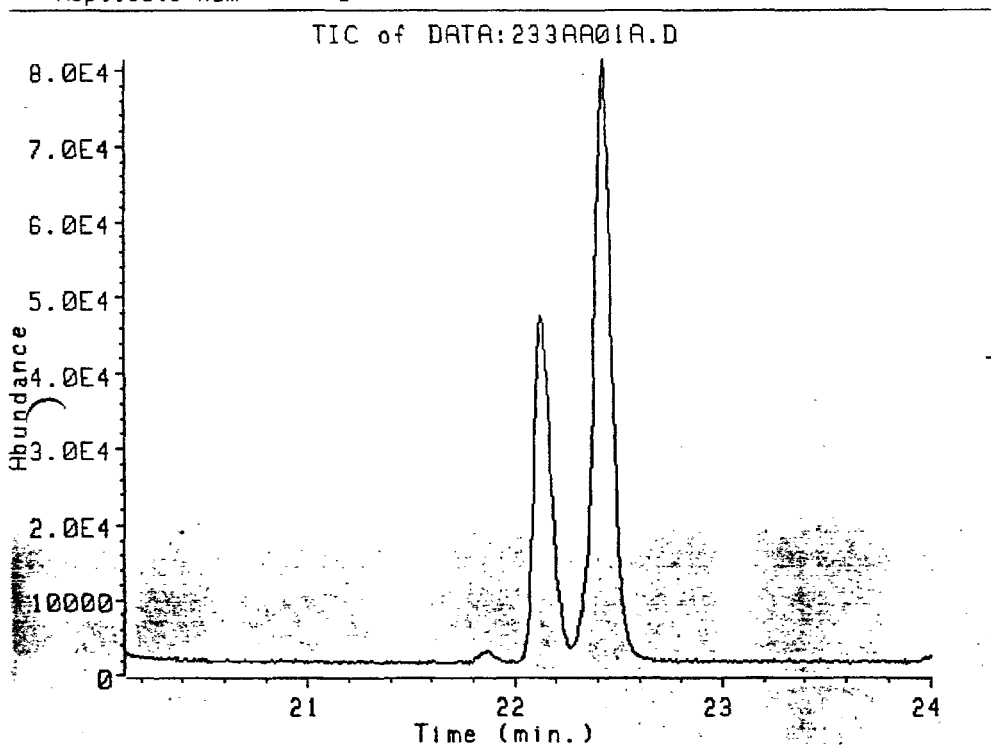
HER0819A/0919A-09

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

4 2429

Date : 19 Aug 88 4:35 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
ALS bottle num : 1
Replicate num : 1



024156

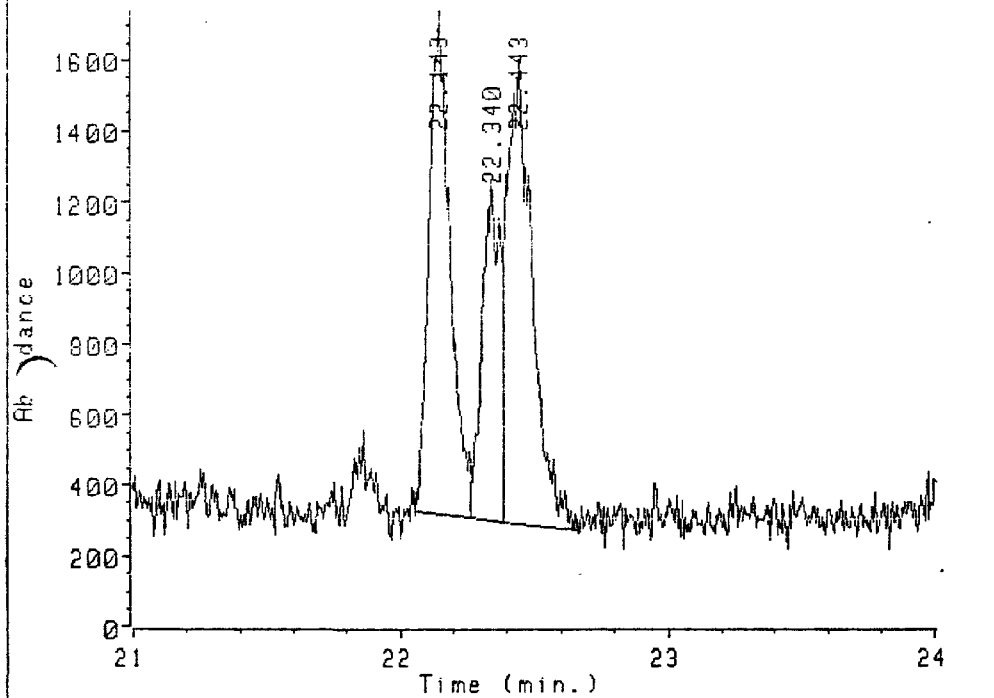
03224367

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 19 Aug 88 4:35 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 1
Replicate num : 1

Ion 259.00 amu. from DATA:233AA01A.D



Ion 259.00 amu. from DATA:233AA01A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.143	BU	0.075	77908	22.055	22.206
2	22.340	UU	0.067	44805	22.266	22.386
3	22.443	UB	0.086	83890	22.386	22.665

024157

Data file: DATA:233AA01A.D
File type: GC / MS DATA FILE

4 2431

Name Info: COLUMN PERFORMANCE MIX

Misc Info:

Operator : TMS

Date : 19 Aug 88 4:35 pm

Instrument: MS_5970

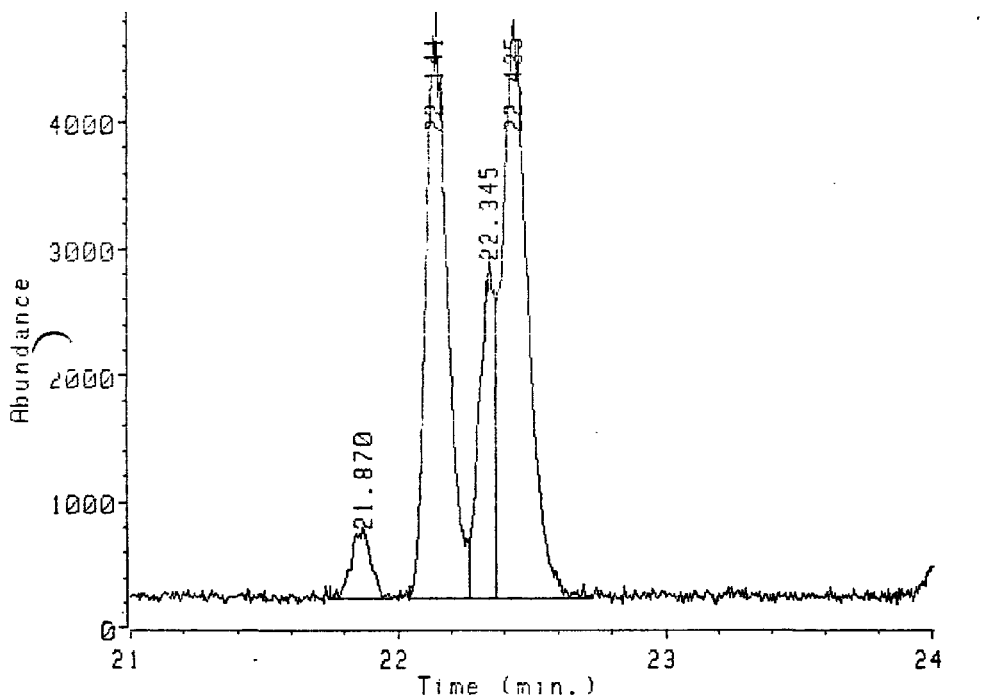
Inlet : GC

Sequence index : 1

Als bottle num : 1

Replicate num : 1

Ion 320.00 amu. from DATA:233AA01A.D



Ion 320.00 amu. from DATA:233AA01A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.870	BB	0.069	29421	21.746	21.976
2	22.141	BU	0.084	257541	22.040	22.267
3	22.345	UU	0.062	104998	22.267	22.369
4	22.435	UB	0.094	306614	22.369	22.729

024158

03224369

Data file: DATA:233AA01A.D
File type: GC / MS DATA FILE

4 2432

Name Info: COLUMN PERFORMANCE MIX

Misc Info:

Operator : TMS

Date : 19 Aug 88 4:35 pm

Instrument: MS_5970

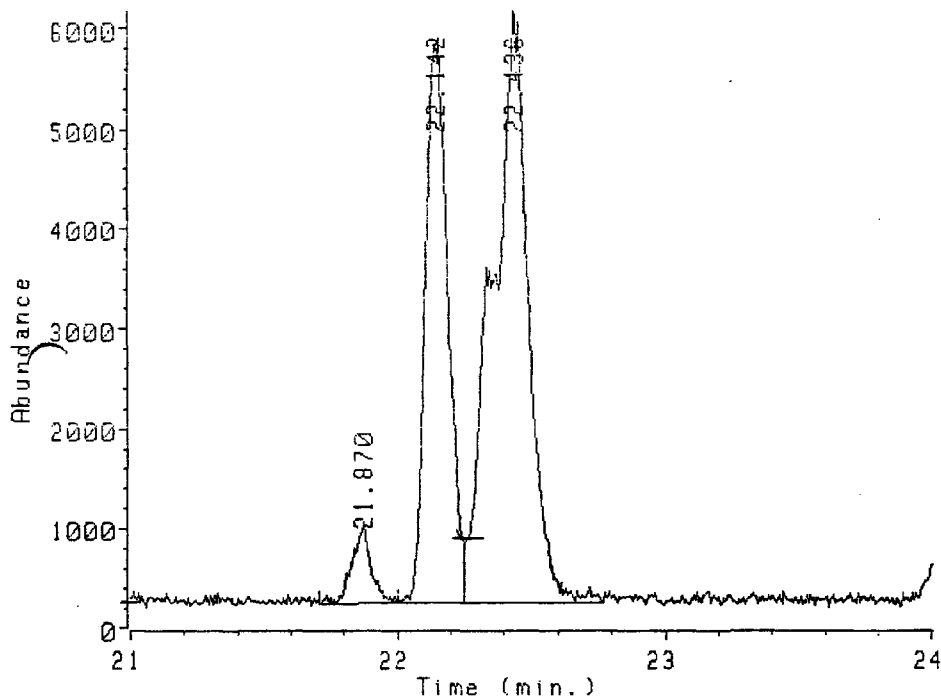
Inlet : GC

Sequence index : 1

Als bottle num : 1

Peplicate num : 1

Ion 322.00 amu. from DATA:233AA01A.D



024159

Ion 322.00 amu. from DATA:233AA01A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.870	BV	0.068	39516	21.706	22.000
2	22.142	UV	0.085	335385	22.000	22.251
3	22.436	VB	0.129	554969	22.251	22.769

03224370

Data file: DATA:233AA01A.D
File type: GC / MS DATA FILE

Name Info: COLUMN PERFORMANCE MIX

Misc Info:

Operator: TMS

Date: 19 Aug 88 4:35 pm

Instrument: MS_5970

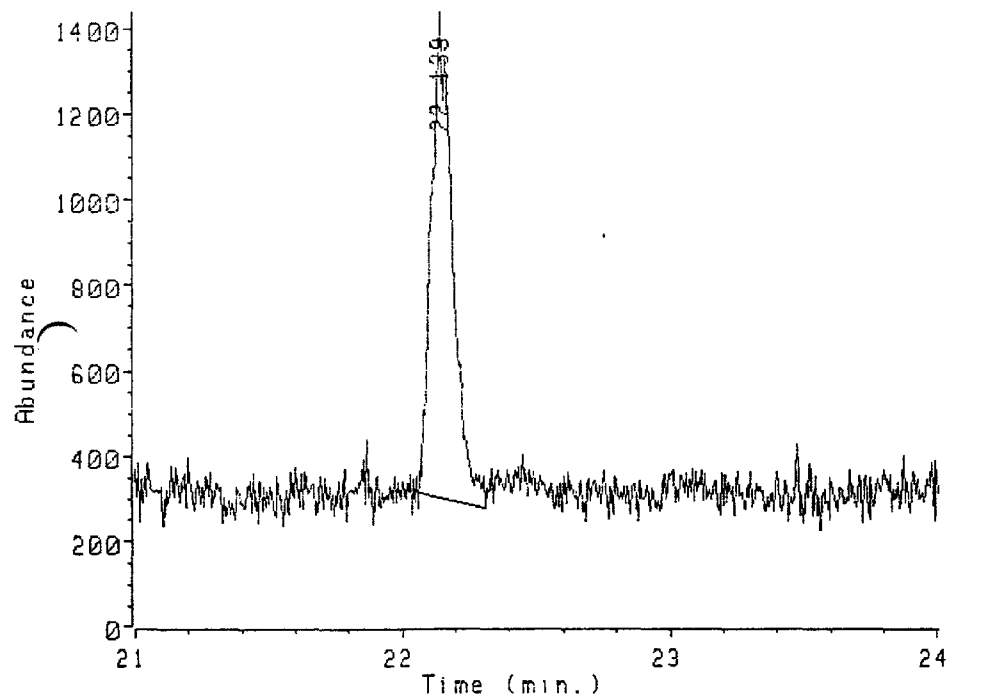
Inlet: GC

Sequence index: 1

ALS bottle num: 1

Replicate num: 1

Ion 328.00 amu. from DATA:233AA01A.D



Ion 328.00 amu. from DATA:233AA01A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.139	BS	0.083	63020	22.040	22.310

Data file: DATA:233AA01A.D
File type: GC / MS DATA FILE

4 2434

Name Info: COLUMN PERFORMANCE MIX

Misc Info:

Operator : TMS

Date : 19 Aug 88 4:35 pm

Instrument: MS_5970

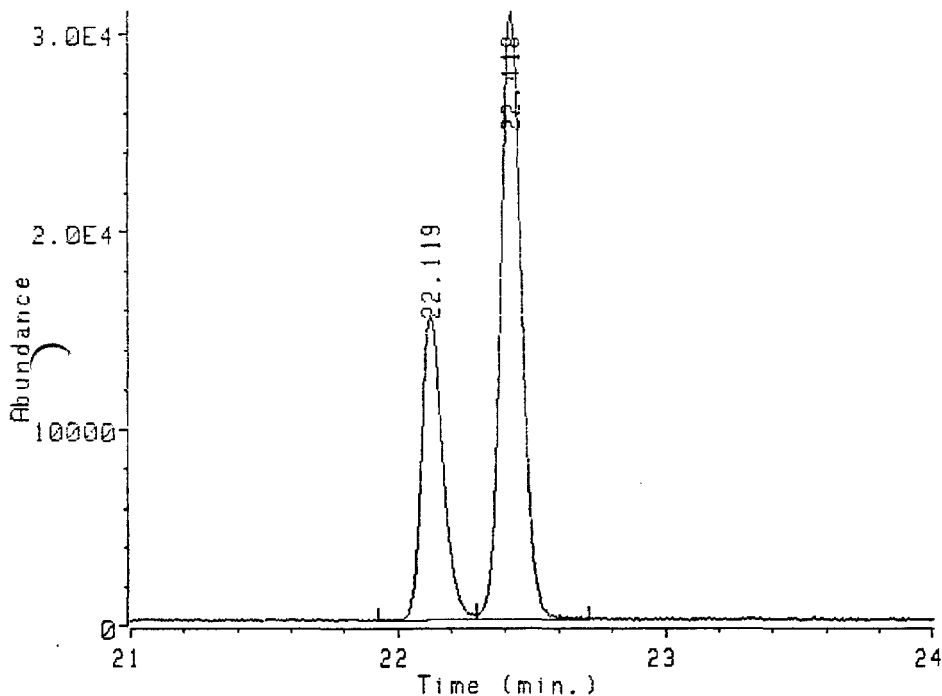
Inlet : GC

Sequence index : 1

Als bottle num : 1

Replicate num : 1

Ion 332.00 amu. from DATA:233AA01A.D



024161

Ion 332.00 amu. from DATA:233AA01A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.119	BU	0.083	853343	21.927	22.291
2	22.418	UU	0.085	1708317	22.291	22.711

03224372

Name Info: COLUMN PERFORMANCE MIX

Misc Info:

Operator : TMS

Date : 19 Aug 88 4:35 pm

Instrument: MS_5970

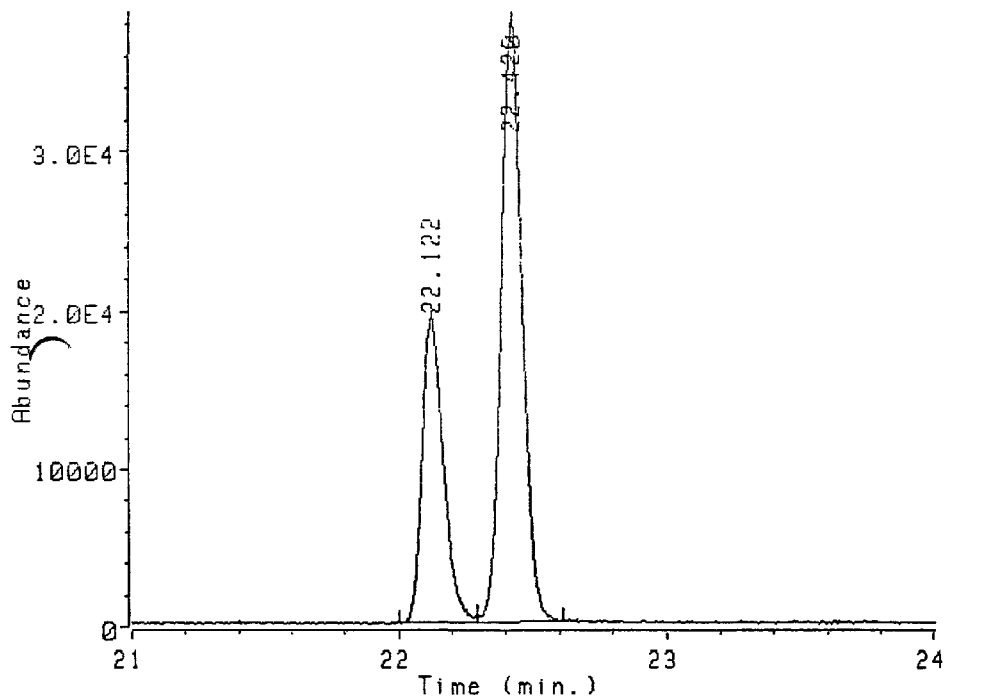
Inlet : GC

Sequence index : 1

Als bottle num : 1

Replicate num : 1

Ion 334.00 amu. from DATA:233AA01A.D



024162

Ion 334.00 amu. from DATA:233AA01A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.122	BV	0.083	1057134	22.003	22.291
2	22.420	UV	0.081	2077324	22.291	22.613

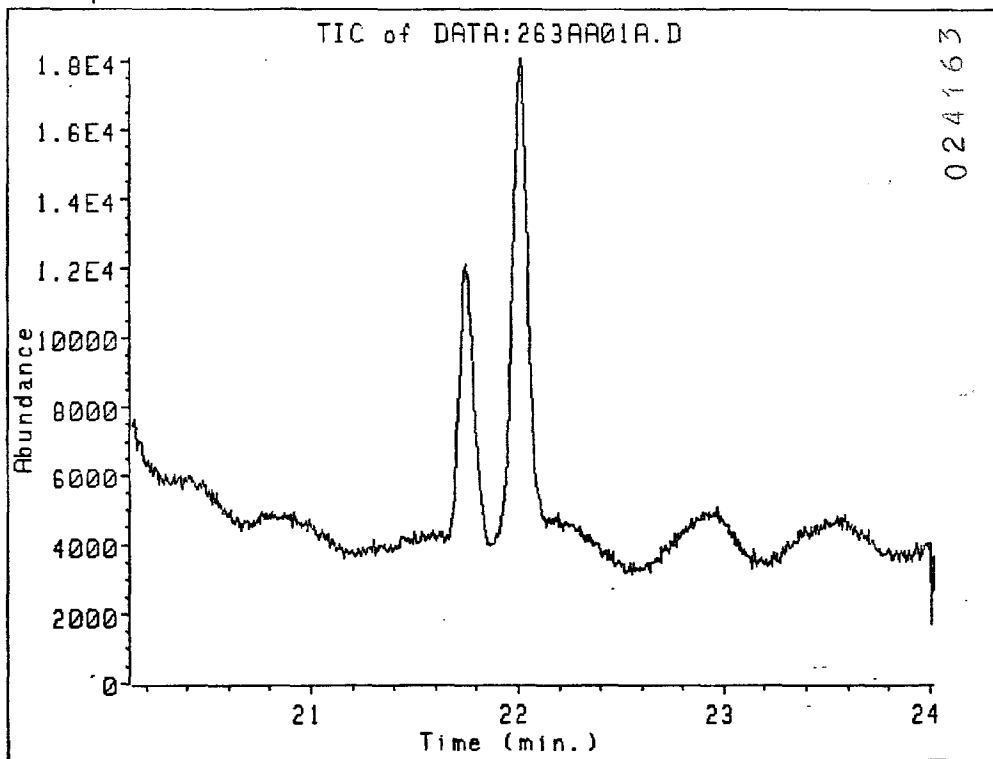
Data file: DATA:263AA01A.D
File type: GC / MS DATA FILE

4 2436

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 19 Sep 88 12:56 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 1
Replicate num : 1



03224374

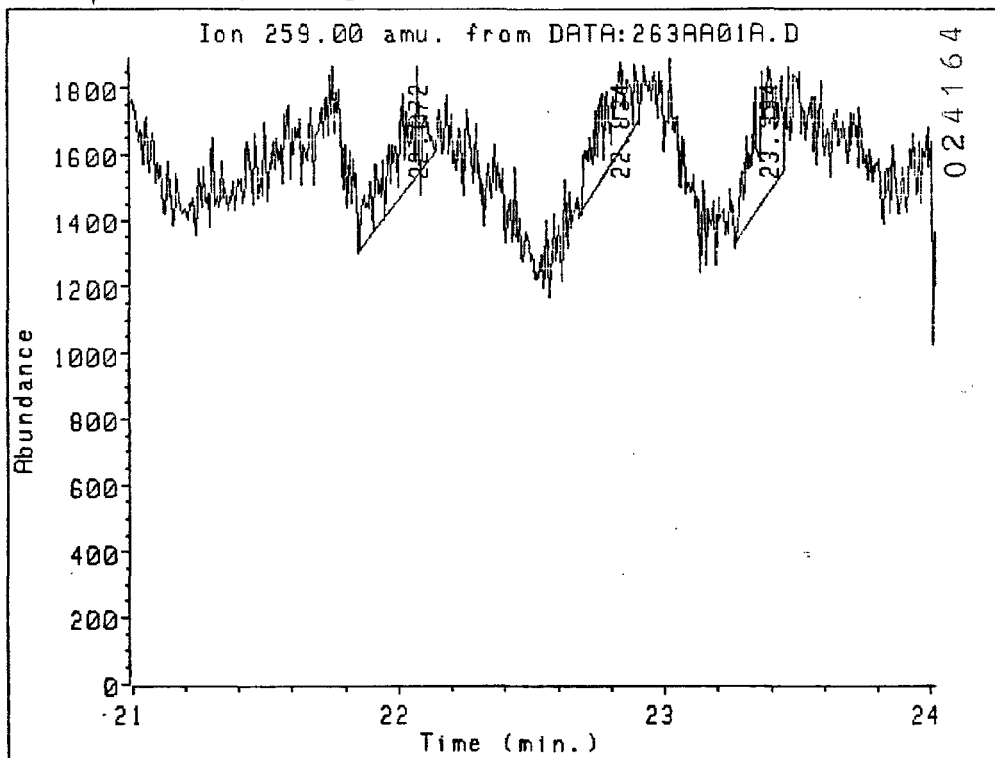
Data file: DATA:263AA01A.D
File type: GC / MS DATA FILE

4 2437

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 19 Sep 88 12:56 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 1
Replicate num : 1



Ion 259.00 amu. from DATA:263AA01A.D
COLUMN PERFORMANCE MIX

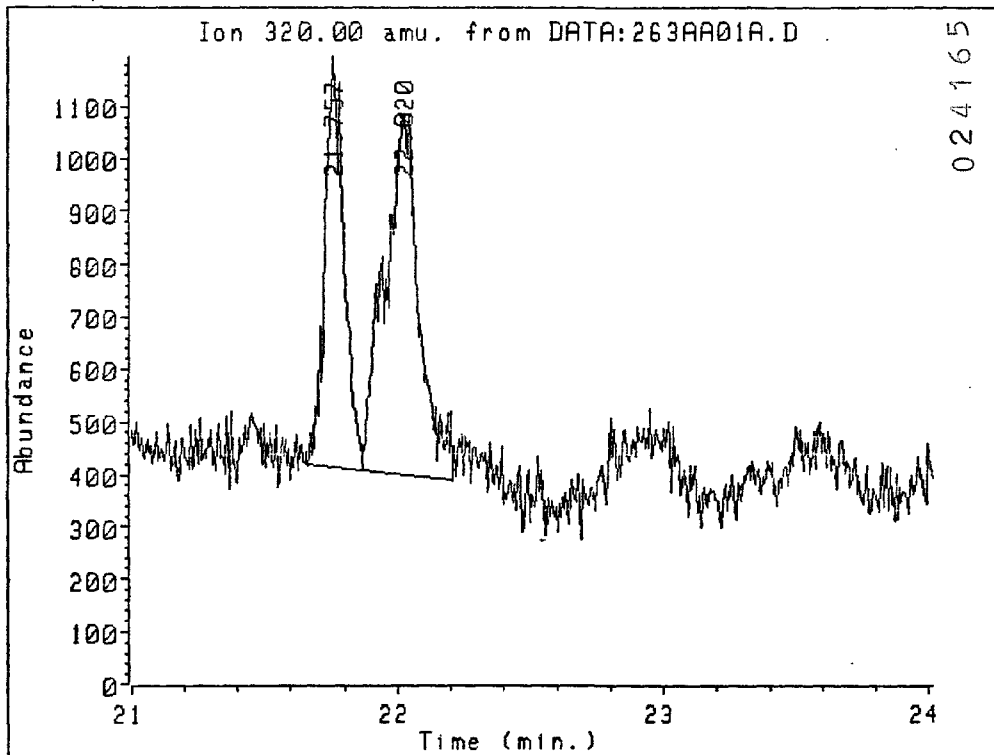
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.072	PV	0.120	20208	21.850	22.138
2	22.834	BV	0.101	19424	22.680	22.904
3	23.394	PV	0.087	24061	23.264	23.449

03224375

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 19 Sep 88 12:56 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 1
Replicate num : 1



Ion 320.00 amu. from DATA:263AA01A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.757	BU	0.076	38769	21.654	21.868
2	22.020	UB	0.122	61514	21.868	22.206

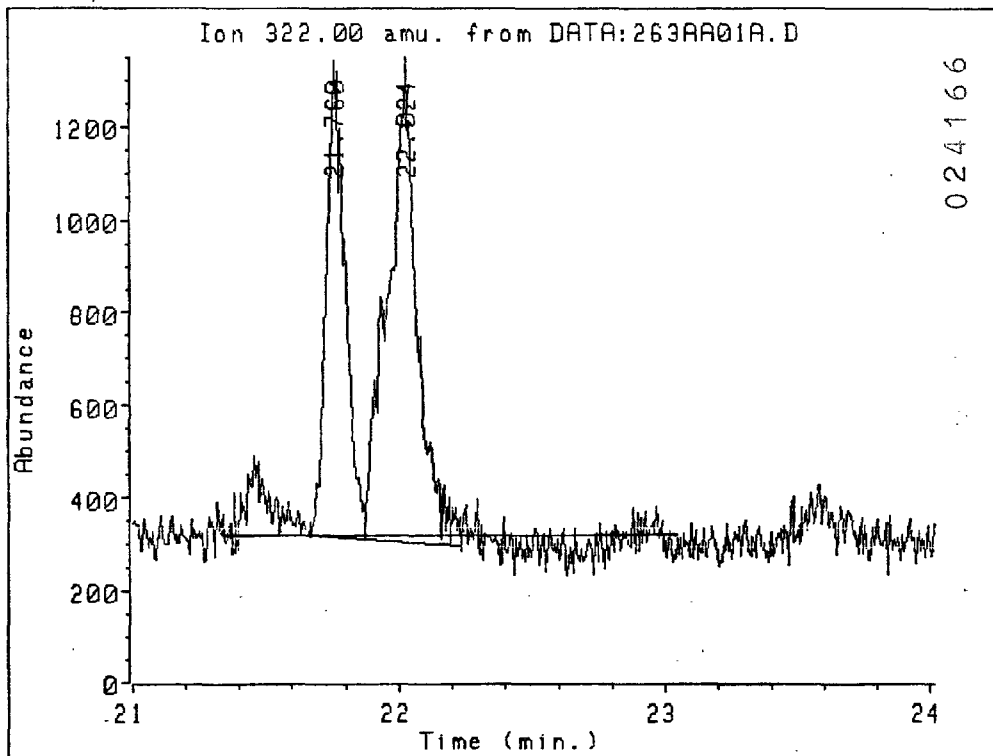
Data file: DATA:263AA01A.D
File type: GC / MS DATA FILE

4 2439

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 19 Sep 88 12:56 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 1
Replicate num : 1



Ion 322.00 amu. from DATA:263AA01A.D
COLUMN PERFORMANCE MIX

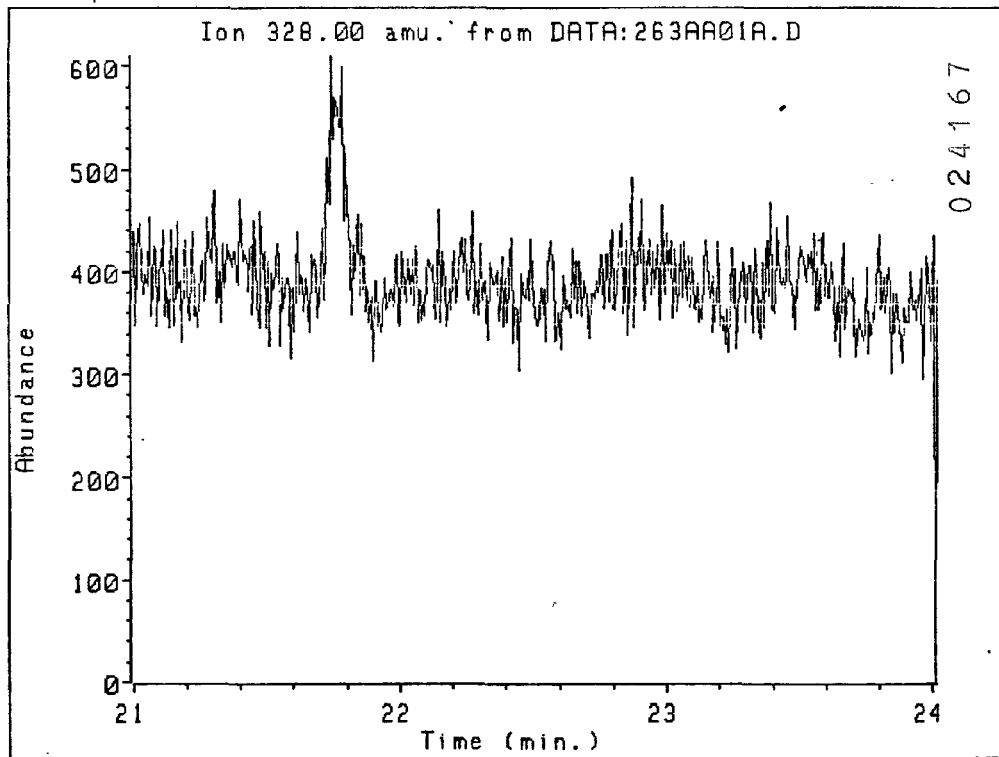
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.760	BU	0.070	50958	21.666	21.872
2	22.024	UB	0.098	79755	21.872	22.233

03224377

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 19 Sep 88 12:56 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 1
Replicate num : 1



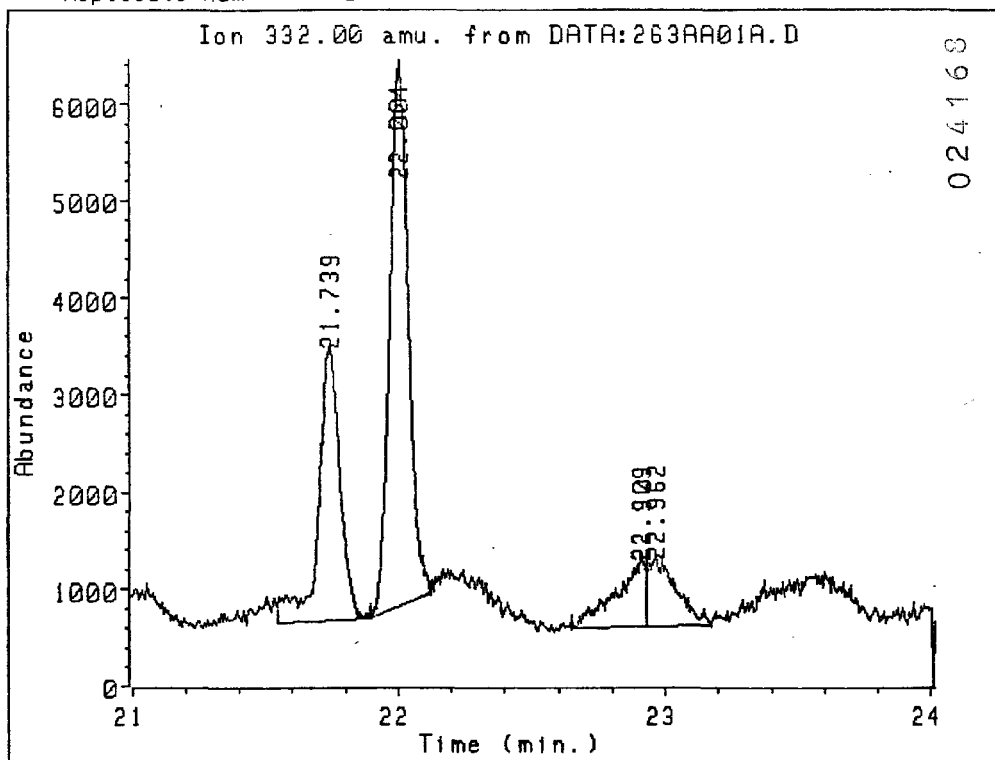
Ion 328.00 amu. from DATA:263AA01A.D
COLUMN PERFORMANCE MIX

No peaks detected

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 19 Sep 88 12:56 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 1
Replicate num : 1



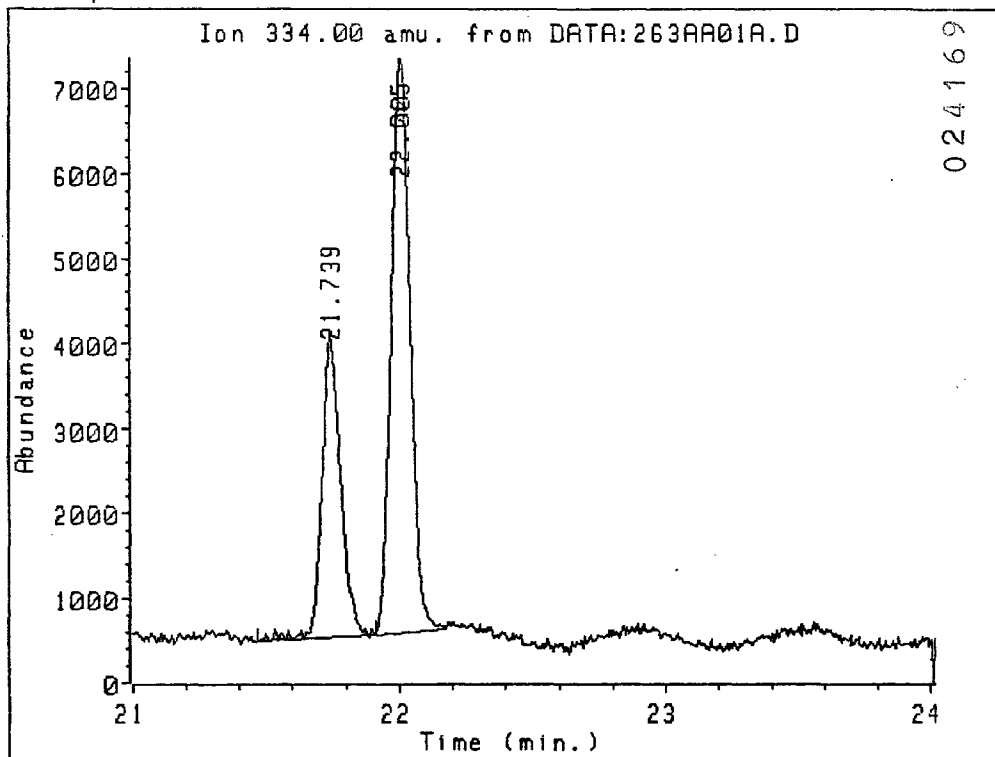
Ion 332.00 amu. from DATA:263AA01A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.739	UU	0.082	159036	21.543	21.893
2	22.004	PV	0.076	274125	21.893	22.123
3	22.909	BV	0.098	52808	22.650	22.929
4	22.962	UU	0.093	50995	22.929	23.171

Name Info: COLUMN PERFORMANCE MIX
Misc Info:
Operator : TMS

Date : 19 Sep 88 12:56 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 1
Replicate num : 1



Ion 334.00 amu. from DATA:263AA01A.D
COLUMN PERFORMANCE MIX

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.739	BU	0.071	176679	21.467	21.912
2	22.005	PB	0.074	331626	21.912	22.175

SEQUENCE TABLE DATA:263A.R

method file name	range dup	method file name	range dup
A DATA:BLANK.M	1: 1 1 M	:	:
B DATA:TMSD10.M	2: 2 1 N	:	:
C DATA:TMSD10.M	5: 5 1 O	:	:

Data file: DATA:234AA05A.D
File type: GC / MS DATA FILE

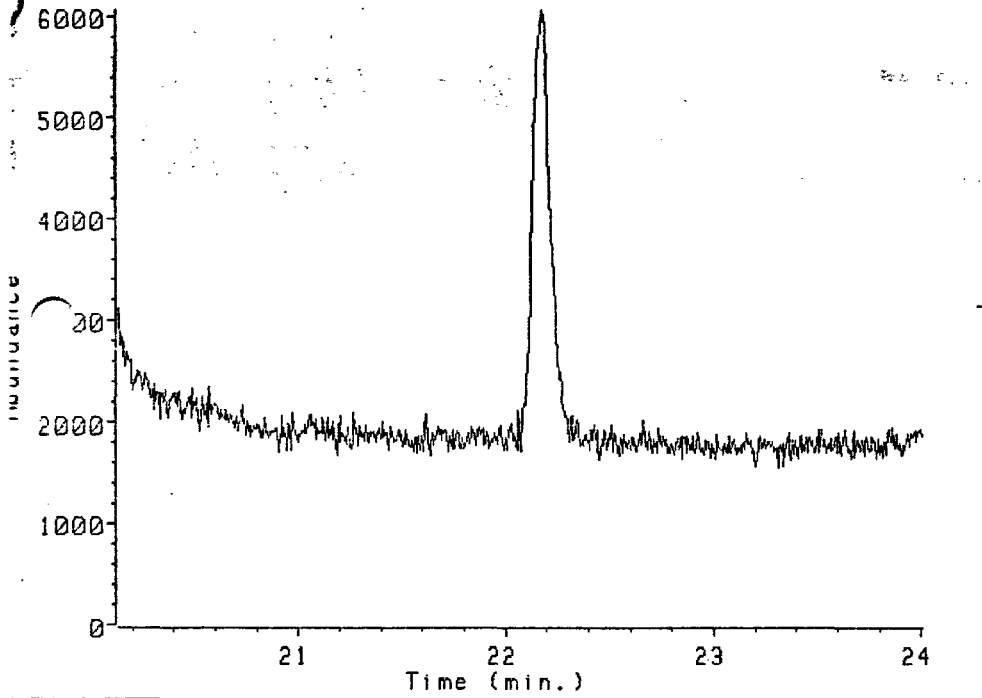
4 2443

Name Info: WH2316
sc Info:
operator : TMS

Date : 19 Aug 88 6:57 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 5
Replicate num : 1

TIC of DATA:234AA05A.D



024170

Data file: DATA:234AA05A.D
File type: GC / MS DATA FILE

Name Info: WH2316

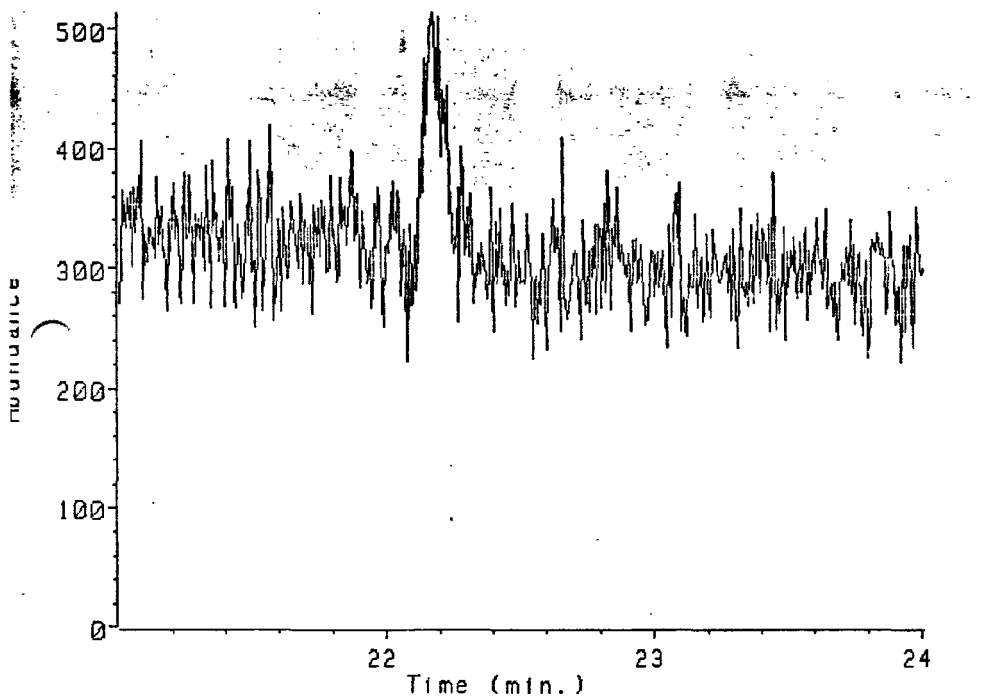
Misc Info:

erator : TMS

Date : 19 Aug 88 6:57 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 5
Replicate num : 1

Ion 259.00 amu. from DATA:234AA05A.D



on 259.00 amu. from DATA:234AA05A.D
H2316

0 peaks detected

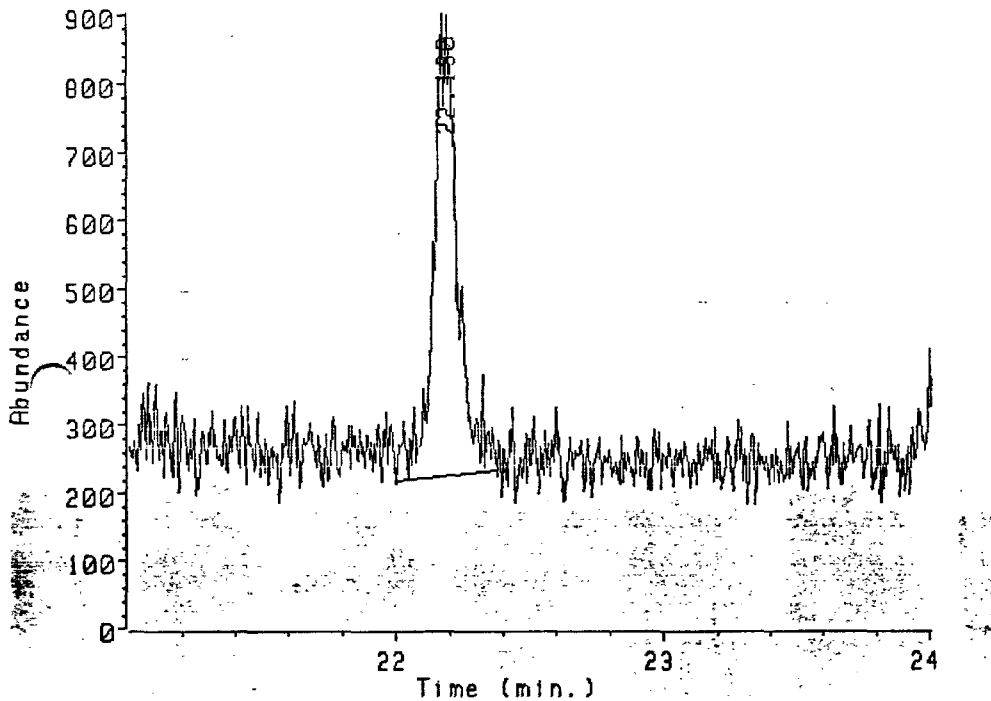
024171

Name Info: WH2316
Misc Info:
Operator : TMS

Date : 19 Aug 88 6:57 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
ALS bottle num : 5
Replicate num : 1

Ion 320.00 amu. from DATA:234AA05A.D



Ion 320.00 amu. from DATA:234AA05A.D
WH2316

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.190	BB	0.095	42696	22.000	22.376

024172

Data file: DATA:234AA05A.D
File type: GC / MS DATA FILE

4 2446

Name Info: WH2316

Misc Info:

Operator : TMS

Date : 19 Aug 98 6:57 pm

Instrument: MS_5970

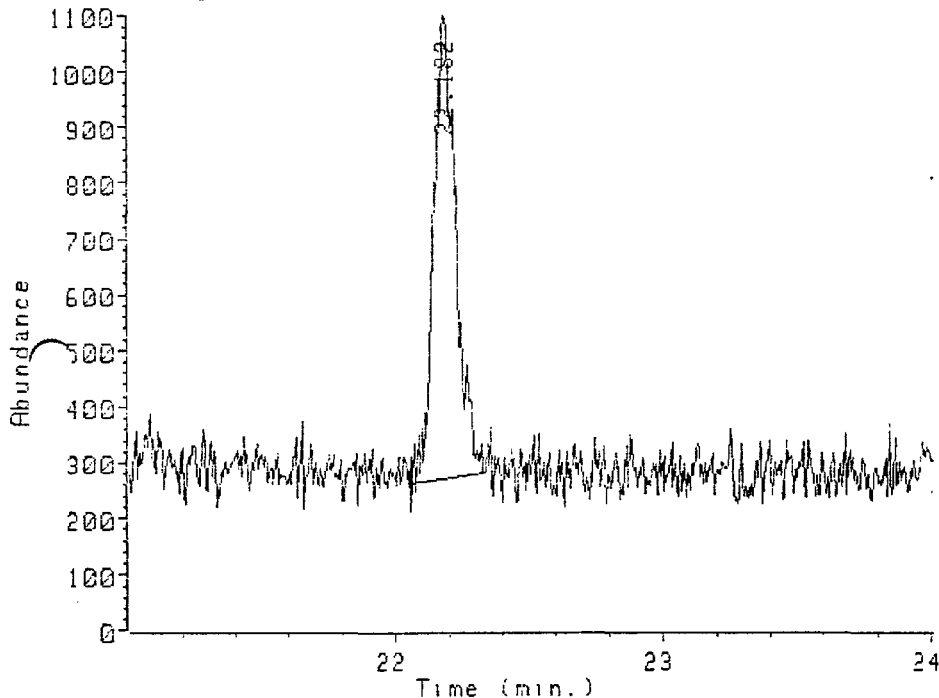
Inlet : GC

Sequence index : 1

ALS bottle num : 5

Replicate num : 1

Ion 322.00 amu. from DATA:234AA05A.D



Ion 322.00 amu. from DATA:234AA05A.D
WH2316

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.182	SV	0.075	47708	22.057	22.318

024173

03224384

Name Info: WH2316

Misc Info:

Operator : TMS

Date : 19 Aug 88 6:57 pm

Instrument: MS_5970

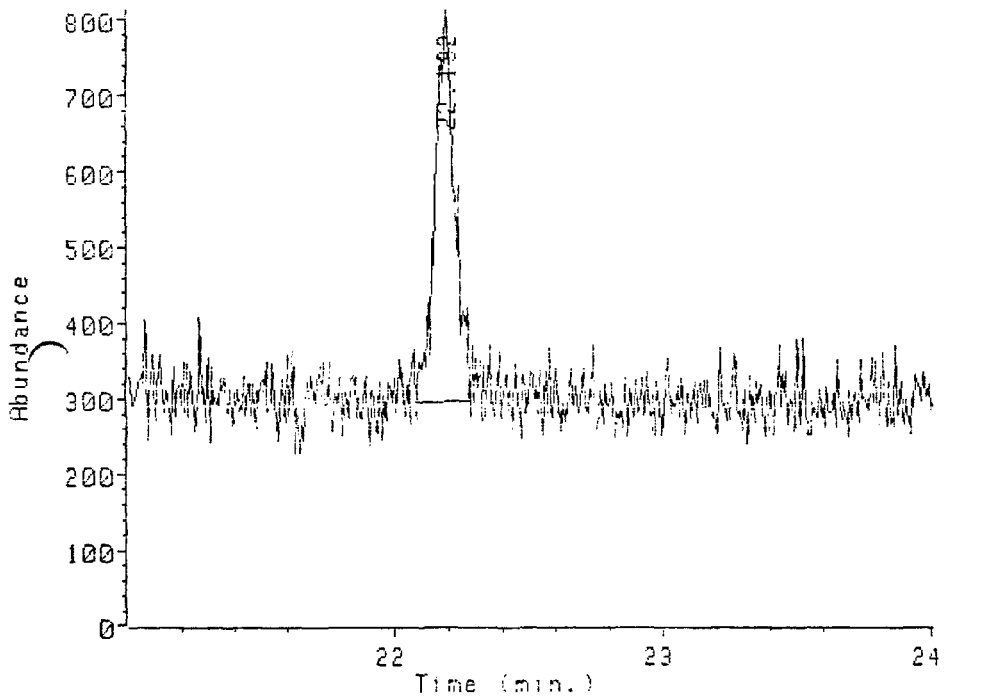
Inlet : GC

Sequence index : 1

Als bottle num : 5

Replicate num : 1

Ion 328.00 amu. from DATA:234AA05A.D



024174

Ion 328.00 amu. from DATA:234AA05A.D
WH2316

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.192	BB	0.068	26546	22.081	22.293

Name Info: WH2316

Misc Info:

Operator : TMS

Date : 19 Aug 88 6:57 pm

Instrument: MS_5970

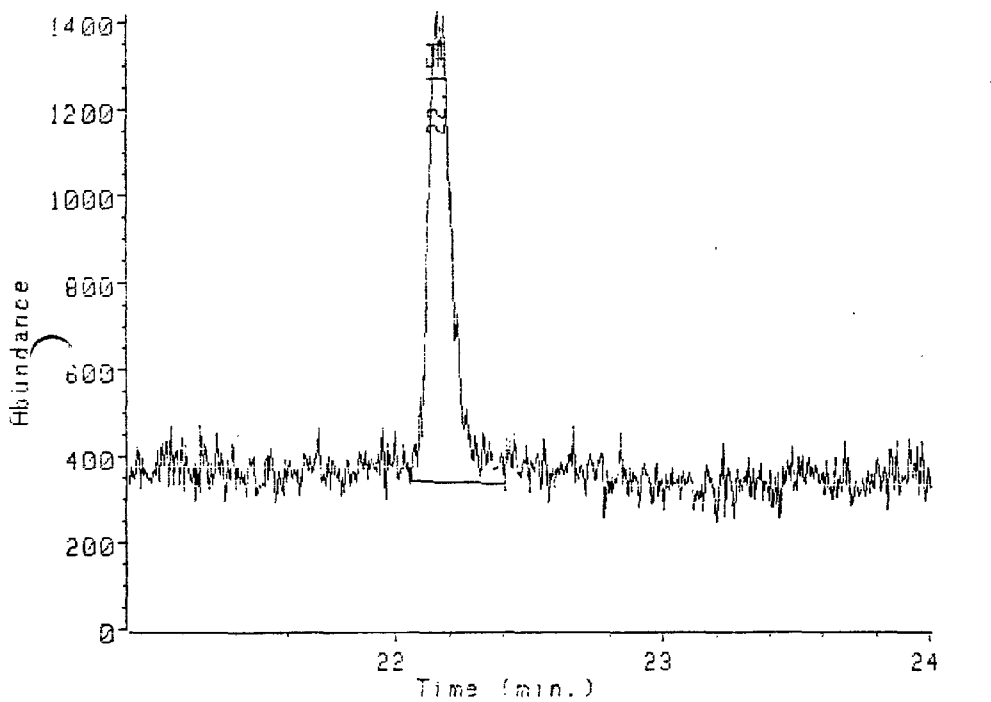
Inlet : GC

Sequence index : 1

ALS bottle num : 5

Replicate num : 1

Ion 332.00 amu. from DATA:234AA05A.D



Ion 332.00 amu. from DATA:234AA05A.D
WH2316

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.154	ES	0.094	69807	22.051	22.406

024175

Data file: DATA:234AA05A.D
File type: GC / MS DATA FILE

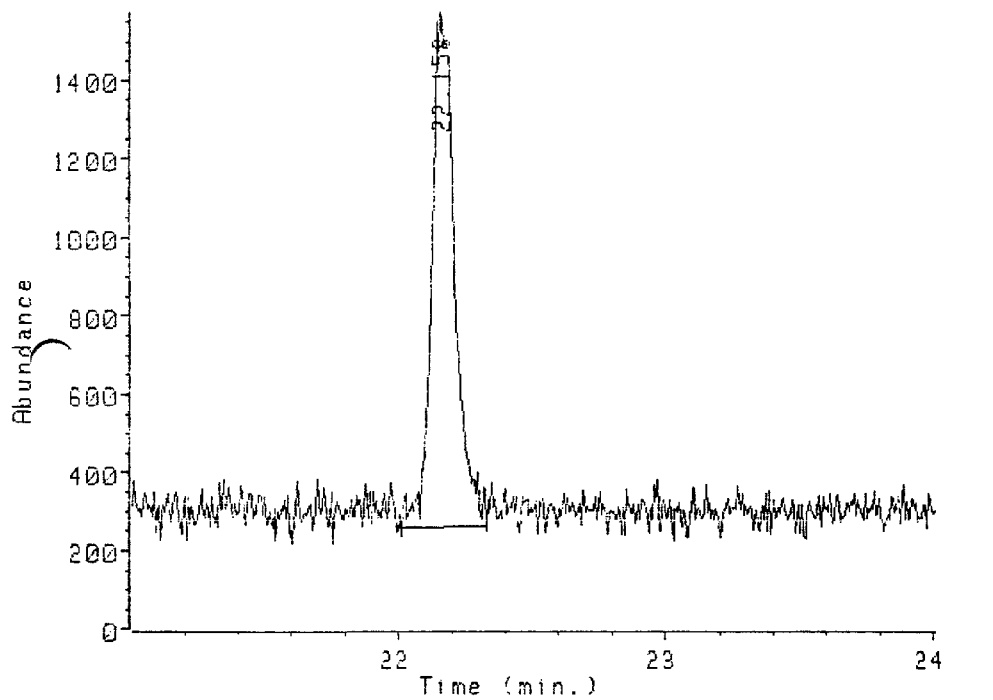
4 2449

Name Info: WH2316
Misc Info:
Operator : TMS

Date : 19 Aug 88 6:57 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 1
Als bottle num : 5
Replicate num : 1

Ion 334.00 amu. from DATA:234AA05A.D



024176

Ion 334.00 amu. from DATA:234AA05A.D
WH2316

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	22.158	BU	0.093	80676	22.003	22.328

03224387

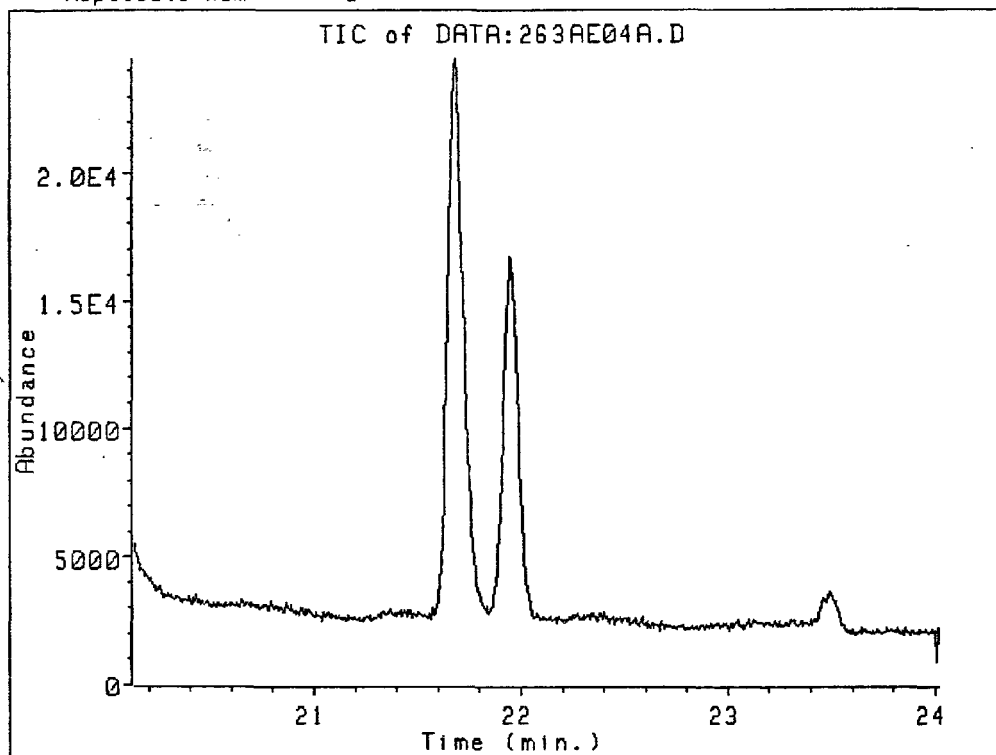
Data file: DATA:263AE04A.D
File type: GC / MS DATA FILE

4 2450

Name Info: HERCULES 2354
Misc Info:
Operator : TMS

Date : 19 Sep 88 3:49 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 5
Als bottle num : 4
Replicate num : 1



024177

03224388

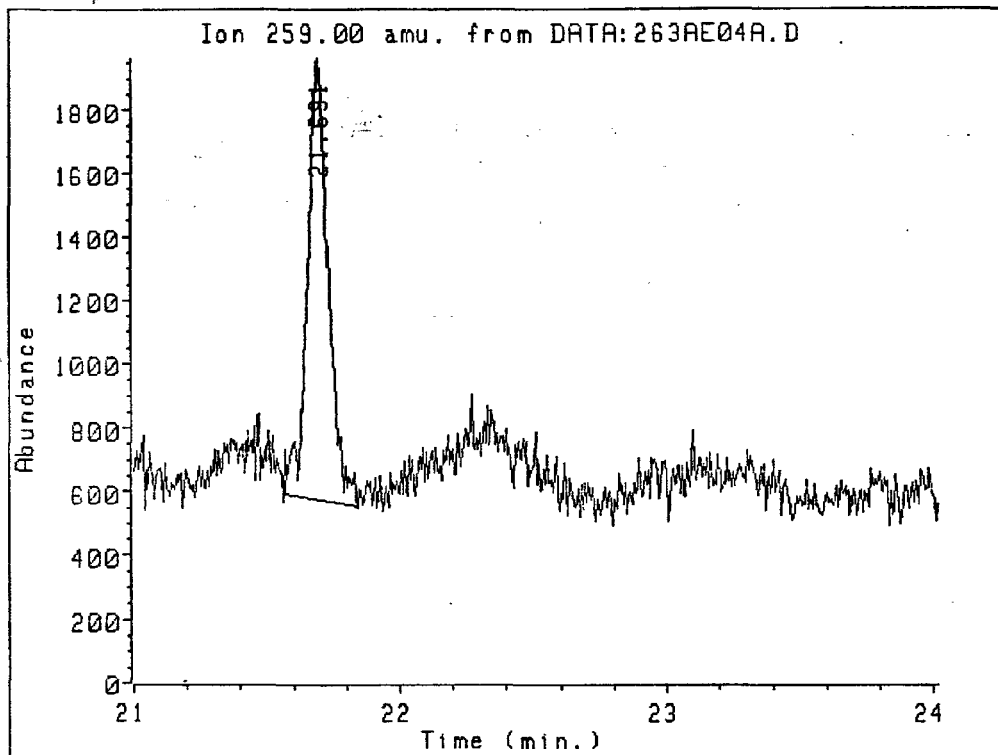
Data file: DATA:263AE04A.D
File type: GC / MS DATA FILE

4 2451

Name Info: HERCULES 2354
Misc Info:
Operator : TMS

Date : 19 Sep 88 3:49 pm
Instrmt: MS_5970
Inlet : GC

Sequence index : 5
Als bottle num : 4
Replicate num : 1



024178

Ion 259.00 amu. from DATA:263AE04A.D
HERCULES 2354

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.691	BU	0.081	77620	21.565	21.844

03224389

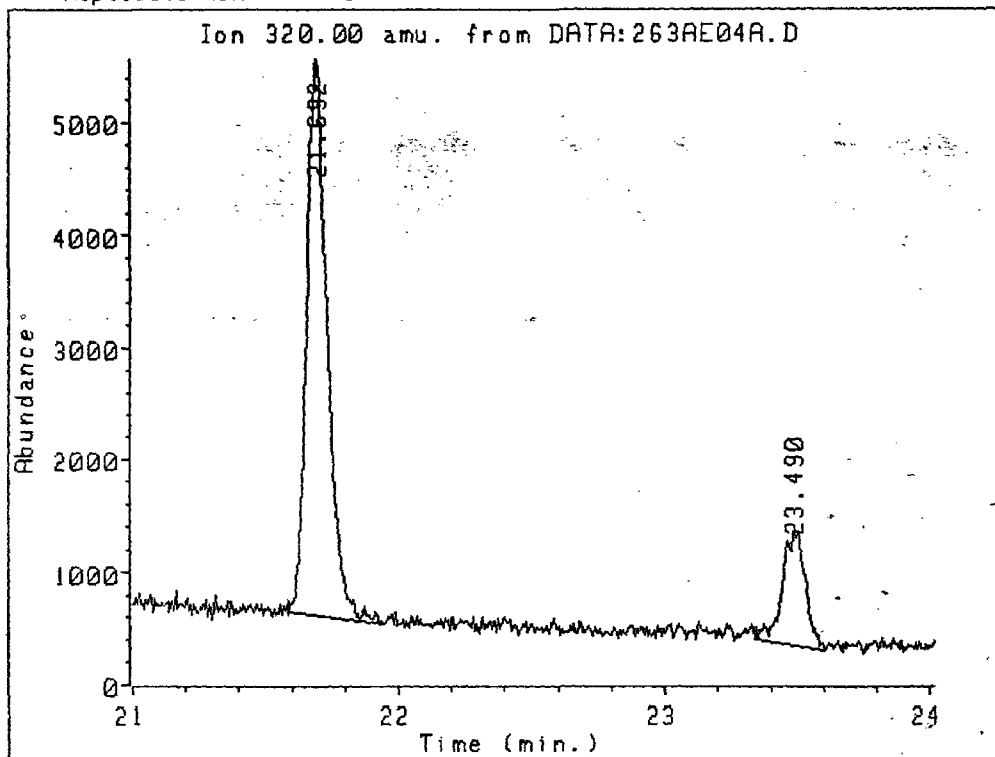
Data file: DATA:263AE04A.D
File type: GC / MS DATA FILE

4 2452

Name Info: HERCULES 2354
Misc Info:
Operator : TMS

Date : 19 Sep 88 3:49 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 5
Als bottle num : 4
Replicate num : 1



024179

Ion 320.00 amu. from DATA:263AE04A.D
HERCULES 2354

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.692	BV	0.072	270860	21.584	21.945
2	23.490	BV	0.080	61023	23.342	23.606

03224390

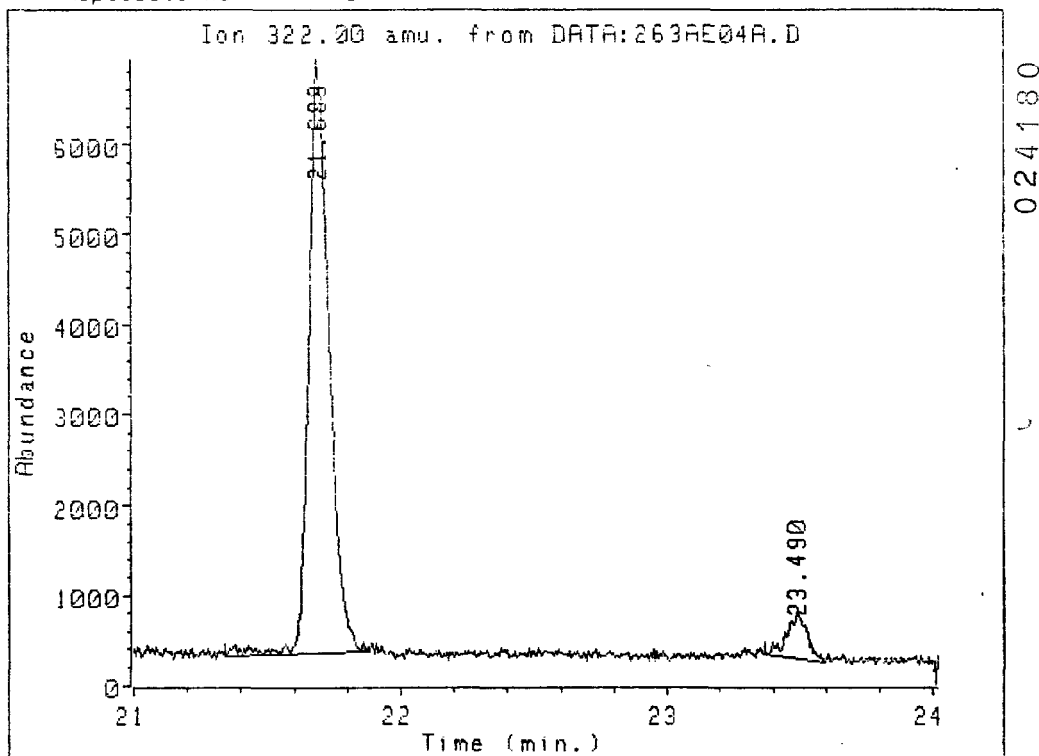
Data file: DATA:263AE04A.D
File type: GC / MS DATA FILE

4 2453

Name Info: HERCULES 2354
Misc Info:
Operator : TMS

Date : 19 Sep 88 3:49 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 5
ALS bottle num : 4
Replicate num : 1



Ion 322.00 amu. from DATA:263AE04A.D
HERCULES 2354

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.689	BU	0.079	357104	21.342	21.884
2	23.490	BE	0.072	26267	23.367	23.594

03224391

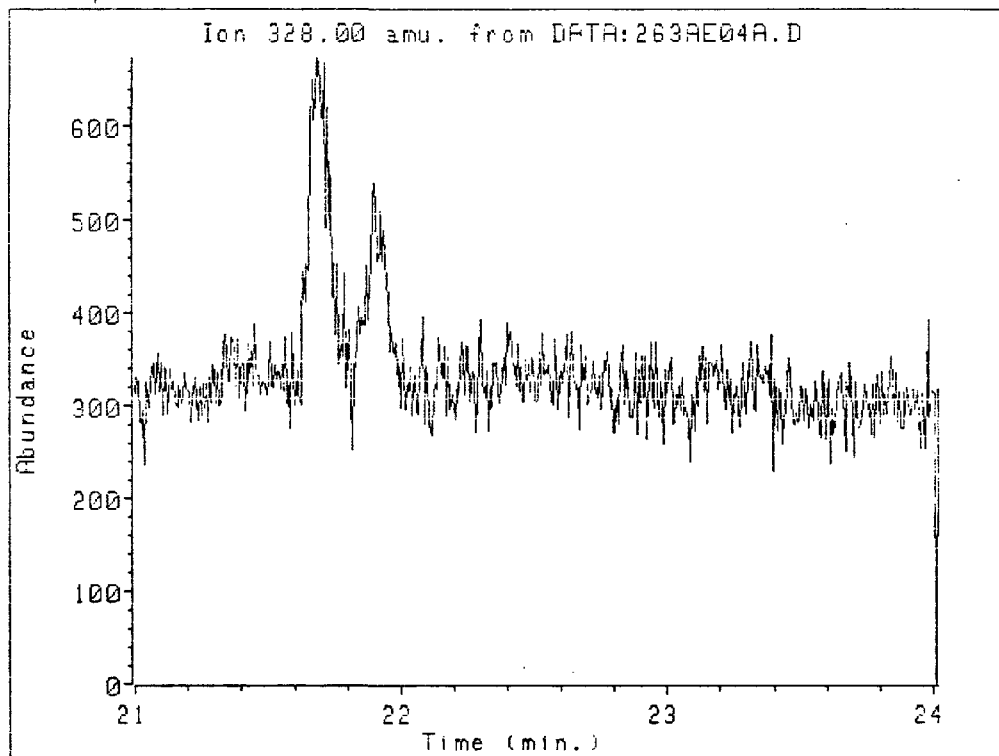
Data file: DATA:263AE04A.D
File type: GC / MS DATA FILE

4 2454

Name Info: HERCULES 2354
Misc Info:
Operator : TMS

Date : 19 Sep 88 3:49 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 5
Als bottle num : 4
Replicate num : 1



Ion 328.00 amu. from DATA:263AE04A.D
HERCULES 2354

No peaks detected

03224392

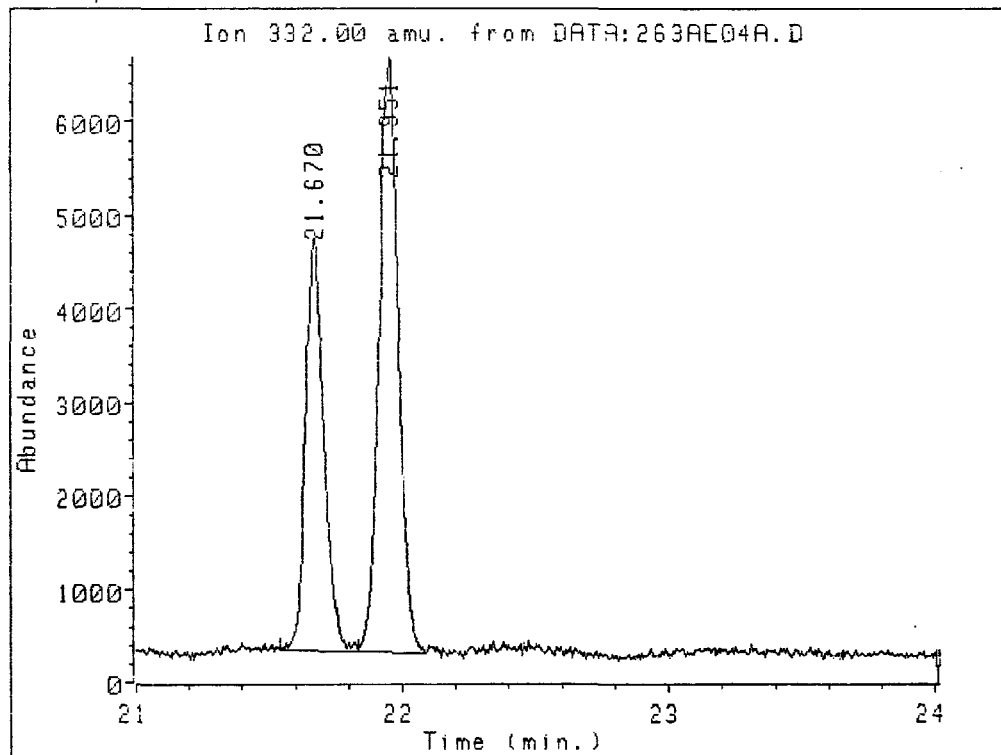
Data file: DATA:263AE04A.D
File type: GC / MS DATA FILE

4 2455

Name Info: HERCULES 2354
Misc Info:
Operator : TMS

Date : 19 Sep 88 3:49 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 5
Ais bottle num : 4
Replicate num : 1



024182

Ion 332.00 amu. from DATA:263AE04A.D
HERCULES 2354

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.670	UU	0.071	214633	21.647	21.838
2	21.951	UU	0.076	317977	21.838	22.069

03224593

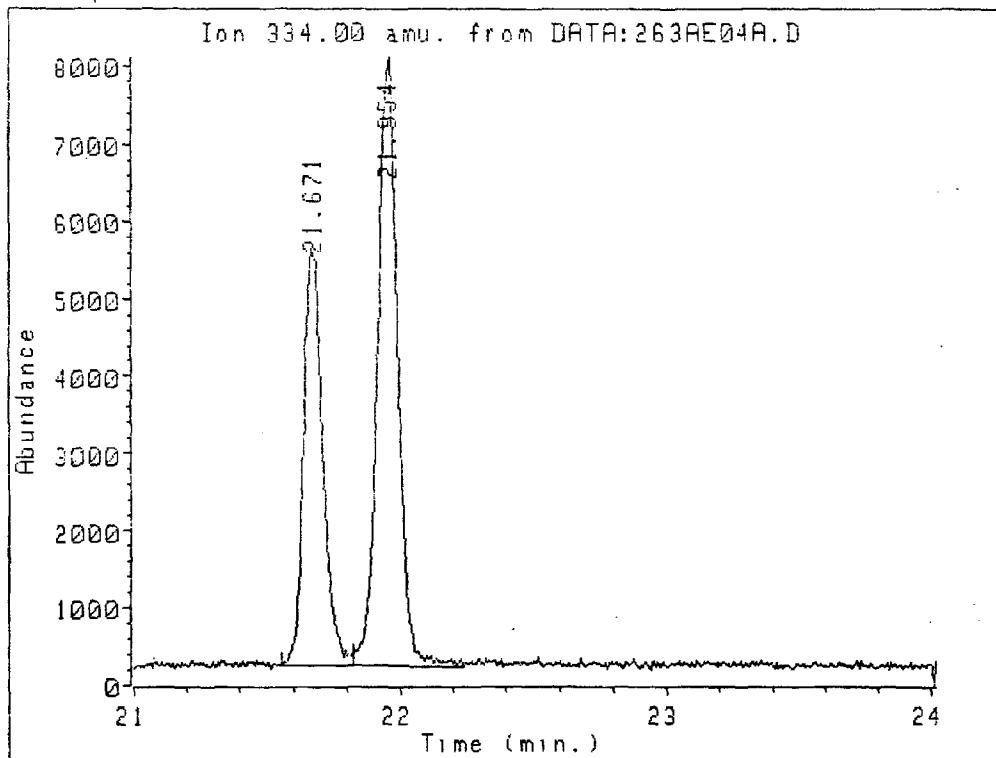
Data file: DATA:263AE04A.D
File type: GC / MS DATA FILE

4 2456

Name Info: HERCULES 2354
Misc Info:
Operator : TMS

Date : 19 Sep 88 3:49 pm
Instrument: MS_5970
Inlet : GC

Sequence index : 5
Als bottle num : 4
Replicate num : 1



024183

Ion 334.00 amu. from DATA:263AE04A.D
HERCULES 2354

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	21.671	OV	0.076	272213	21.556	21.826
2	21.954	OV	0.081	408897	21.826	22.239

SEQUENCE TABLE DATA:260A.R

method file name	range	cup	method file name	range	cup
A DATA:260A.R	1:	2 1 M	:	:	:
B DATA:FLUCH.M	2:	3 1 N	:	:	:
C DATA:TMSD101.M	4:	4 1 O	:	:	:

03224394



INTERNATIONAL
TECHNOLOGY
CORPORATION

CHAIN-OF-CUSTODY RECORD

450078

R/A Control No. 52246

C/C Control No. 38235

PROJECT NAME/NUMBER Jacksonville Offsite

LAB DESTINATION TMS Andersonville Ind.

SAMPLE TEAM MEMBERS D. Simons & D. Peay

CARRIER/WAYBILL NO. FED EX 9089172914

Sample Number	Sample Location and Description	Date and Time Collected	Sample Type	Container Type	Condition on Receipt (Name and Date)	Disposal Record No.
WH2289	Jacksonville Ordnance	07/26/88 10:00	Soil	GLASS		
WH2305		07/26/88 14:53				
WH2306		07/26/88 14:53				
WH2307		07/26/88 15:00				
WH2311		07/26/88 16:15				
WH2312		07/26/88 16:15				
WH2313		07/26/88 16:15				
WH2314		07/26/88 16:30				
WH2316		07/26/88 16:30				
WH2317	Jacksonville Offsite	07/26/88 16:30	Soil	GLASS		

Special Instructions: _____

Possible Sample Hazards: _____

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished By: Doug Peay 07/27/88 01:00

3. Relinquished By: _____

Received By: _____

Received by: _____

2. Relinquished By: Federal Express

4. Relinquished By: _____

Received By: Clinton Kinnus 07/28/88 0930

Received By: _____



INTERNATIONAL
TECHNOLOGY
CORPORATION

981420

CHAIN-OF-CUSTODY RECORD

R/A Control No. 42338C/C Control No. 47302

03224397

PROJECT NAME/NUMBER Jacksonville Offsite/480078.01.08.02LAB DESTINATION TMS-Indianapolis, IndianaSAMPLE TEAM MEMBERS D. Simerly & D. PeeryCARRIER/WAYBILL NO. FED EXP 9080172236

Sample Number	Sample Location and Description	Date and Time Collected	Sample Type	Container Type	Condition on Receipt (Name and Date)	Disposal Record No.
WH2340	Jacksonville, Arkansas	08/11/88 0848	SOIL	125cc GLASS		
WH2341		08/11/88 0848				
WH2343		08/11/88 0826				
WH2344		08/11/88 0858				
WH2345		08/11/88 0858				
WH2347		08/11/88 0858				
WH2348		08/11/88 1027				
WH2349		08/11/88 1027				
WH2350		08/11/88 1027				
WH2352	Jacksonville, Arkansas	08/11/88 1157	SOIL	125cc GLASS		

Special Instructions: _____

Possible Sample Hazards: Dioxin

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished By: David Peery 08/11/88 1845Received By: FD Little 8/12/88 0930

2. Relinquished By: _____

Received By: _____

3. Relinquished By: _____

Received by: _____

4. Relinquished By: _____

Received By: _____



INTERNATIONAL
TECHNOLOGY
CORPORATION

241720

CHAIN-OF-CUSTODY RECORD

R/A Control No. 42340

C/C Control No. 47301

PROJECT NAME/NUMBER Jacksonville Offsite/480078.01.08.02

LAB DESTINATION TMS-Indianapolis, Indiana

SAMPLE TEAM MEMBERS D. Simerly & D. Peery

CARRIER/WAYBILL NO. FED EXP 908817236

Sample Number	Sample Location and Description	Date and Time Collected	Sample Type	Container Type	Condition on Receipt (Name and Date)	Disposal Record No.
WH2357	Jacksonville, Arkansas	08/11/88 1336	SOIL	125CC GLASS		
WH2358		08/11/88 1336				
WH2359		08/11/88 1420				
WH2360		08/11/88 1420				
WH2361		08/11/88 1428				
WH2362		08/11/88 1521				
WH2363		08/11/88 1521				
WH2364		08/11/88 1556				
WH2365	Jacksonville, Arkansas	08/11/88 1622	SOIL	125CC GLASS		

Special Instructions:

Possible Sample Hazards: Dioxin

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished By: D. Peery 08/11/88 1845

Received By: J. Little 8/12/88 0930

2. Relinquished By: _____

Received By: _____

3. Relinquished By: _____

Received by: _____

4. Relinquished By: _____

Received By: _____



INTERNATIONAL
TECHNOLOGY
CORPORATION

REQUEST FOR ANALYSIS

R/A Control No. 52246

C/C Control No. 38255

PROJECT NAME

Jacksonville Office

DATE SAMPLES SHIPPED

07/27/88

PROJECT NUMBER

480078

LAB DESTINATION

TMS Environmental Lab

PROJECT MANAGER

Dana Lemerly

LABORATORY CONTACT

Cathy Kraus

BILL TO

Hercules Inc

SEND LAB REPORT TO

Fluorene Kinetics

1313 N Market St

Medical Dept

Wilmington DE

Hercules Inc

PURCHASE ORDER NO.

DATE REPORT REQUIRED

48 hr

PROJECT CONTACT

Dana Lemerly

PROJECT CONTACT PHONE NO.

615-680-3311

Sample No.	Sample Type	Sample Volume	Preservative	Requested Testing Program	Special Instructions
WH2289	Soil	~35g	None	2378-TCDD GC/MS/AS	
WH2305					
WH2306					
WH2307					
WH2311					
WH2312					
WH2313					
WH2314					
WH2316					
WH2317	Soil	~35g	None	2378-TCDD GC/MS/AS	

TURNAROUND TIME REQUIRED: (Rush must be approved by the Project Manager.)

Normal _____

Rush ☒

(Subject to rush surcharge)

POSSIBLE HAZARD IDENTIFICATION: (Please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances)

Nonhazard _____

Flammable _____

Skin Irritant _____

Highly Toxic _____

Other _____

(Please Specify)

SAMPLE DISPOSAL: (Please indicate disposition of sample following analysis. Lab will charge for packing, shipping, and disposal.)

Return to Client ☒

Disposal by Lab _____

FOR LAB USE ONLY

Received By

Cynthia Kraus

Date/Time

07/28/88 930

WHITE - Original
YELLOW - Field

ccompany samples

03224399



R/A Control No. 52247

C/C Control No. 38286

PROJECT NAME

PROJECT NUMBER

PROJECT MANAGER

BILL TO

PURCHASE ORDER NO.

DATE SAMPLES SHIPPED

LAB DESTINATION

LABORATORY CONTACT**SEND LAB REPORT TO**

DATE REPORT REQUIRED

PROJECT CONTACT

PROJECT CONTACT PHONE NO. 615-692-3211

[illegible]

TURNAROUND TIME REQUIRED: (Rush must be approved by the Project Manager.)

Normal _____

Rush X

(Subject to rush surcharge)

POSSIBLE HAZARD IDENTIFICATION: (Please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances)

Nonhazard _____

Flammable _____

Skin Irritant _____

Highly Toxic _____

Other _____
(Please Specify)

SAMPLE DISPOSAL: (Please indicate disposition of sample following analysis. Lab will charge for packing, shipping, and disposal.)

Return to Client X

Disposal by Lab

FOR LAB USE ONLY

Received By Michael K. K...

Date/Time 07/28/88 0930

WHITE - Original, Company samples
YELLOW - Field collection

DATE 07/27/88

4 2463

AIRBILL NUMBER 3447641551		SHIPPER'S CERTIFICATION FOR RESTRICTED ARTICLES/DANGEROUS GOODS CHECK ONE ☒ CFR ☐ ICAO (TYPE OR PRINT)	
From (Your Name) DOUG PEERY		To (Recipient's Name) JMS ANALYTICAL	
Your Phone Number (Very Important) (615) 690-3211		Recipient's Phone Number (Very Important) (317) 291-8697	
Company IT LOAP		Company JMS ANALYTICAL	
Department/Floor No. BLDG 500		Department/Floor No. TRAIL	
Street Address 2041 EXCURSION PARK DR		Exact Street Address (Use of P.O. Boxes or P.O. Zip Codes Will Delay Delivery and Result in Extra Charges) 6370 MOORENCE TRAIL	
City KNOXVILLE TN		City EVANSTON IN	
State TN		State IN	
ZIP Required For Correct Invoicing 37923		ZIP Street Address Zip Required 46268	
YOUR BILLING REFERENCE INFORMATION (FIRST 24 CHARACTERS WILL APPEAR ON INVOICE) 748 0078-01-04-01			
HOLD FOR PICK-UP AT THIS FEDERAL EXPRESS LOCATION: Street Address (See Service Guide or Call 800-238-5355) City, State, Zip Code of Street Address Required			
Federal Express Use Base Charges Declared Value Charge Origin Agent Charge			
SERVICES CHECK ONLY ONE BOX			
1 PRIORITY 1 Overnight Delivery Using Your Packaging When using ICAO regulations, please carefully read the instructions for use of the ICAO regulations.			
2 DELIVER WEEKDAY Delivery on Monday through Friday.			
3 DELIVER SATURDAY Delivery on Saturday.			
4 MANIFESTS ONLY Manifests only.			
5 STANDARD AIR Delivery no later than second business day.			
6 SERVICE COMMITMENT Delivery by a certain time on a certain day.			
7 DELIVER SPECIAL SERVICE Delivery by a certain time on a certain day.			
8 SATURDAY PICK-UP Saturday pickup service.			
9 OTHER SPECIAL SERVICE Other special service.			
10			
PAKAGES WEIGHT YOUR DECLARED VALUE			
1 36 LBS			
2 36 LBS			
3 36 LBS			
4 36 LBS			
5 36 LBS			
6 36 LBS			
7 36 LBS			
8 36 LBS			
9 36 LBS			
10 36 LBS			
Received At Regular Stop On-Call Stop Drop Box Station			
5772			
Date/Time For Federal Express Use 7/27/88 1305			
Emp. No. 2930			
Date 7/28/88			
City EVANSTON IN			
State IN			
Zip 46268			
Received By X Kristin Kraus			
Date/Time Received 7/28/88			
FedEx Employee Number 0930			
PART 1001730754 REVISION 5/88 PRINTED U.S.A. NORE			

AIRBILL NUMBER 3447641551		SHIPPER'S CERTIFICATION FOR RESTRICTED ARTICLES/DANGEROUS GOODS CHECK ONE ☒ CFR ☐ ICAO (TYPE OR PRINT)	
DANGEROUS GOODS IDENTIFICATION			
NO. OF PKGS. 1	PROPER SHIPPING NAME HEXANE LIMITED QUANTITY	CLASS OR DIVISION FLAMMABLE LIQUID	UN OR ID NO. 1208
ADDITIONAL DESCRIPTION REQUIREMENTS FOR RADIOACTIVE MATERIALS (SEE BACK)		ACTIVITY NON-RADIOACTIVE	
RADIOACTIVE MATERIALS (SEE BACK)		CATEGORY OF LABELS ☐ WHITE ☐ YELLOW I ☐ YELLOW II ☐ NONE	
TRANSPORT DETAILS		PASSENGER AIRCRAFT	
THIS SHIPMENT IS WITHIN THE LIMITATIONS PRESCRIBED FOR		CARGO AIRCRAFT ONLY	
AIRPORT OF DEPARTURE		AIRPORT OF DESTINATION	
SHIPMENT TYPE		NON-RADIOACTIVE	
IF ACCEPTABLE FOR PASSENGER AIRCRAFT, THIS SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN, OR INCIDENT TO, RESEARCH, MEDICAL DIAGNOSIS OR TREATMENT.			
I HEREBY DECLARE THAT THE CONTENTS OF THIS CONSIGNMENT ARE FULLY AND ACCURATELY DESCRIBED ABOVE BY PROPER SHIPPING NAME AND ARE CLASSIFIED, PACKED, MARKED, AND LABELED, AND ARE IN ALL RESPECTS IN PROPER CONDITION FOR TRANSPORT BY AIR ACCORDING TO THE APPLICABLE INTERNATIONAL AND NATIONAL GOVERNMENT REGULATIONS.			
NAME AND TITLE OF SHIPPER DOUG PEERY		PLACE AND DATE JMS ANALYTICAL	
EMERGENCY TELEPHONE NUMBER 615-690-3211		SIGNATURE OF SHIPPER DOUG PEERY	
03224401		WARNING ON BACK	

4 2464


**INTERNATIONAL
TECHNOLOGY
CORPORATION**

161420

REQUEST FOR ANALYSIS

PROJECT NAME Jacksonville Offsite
 PROJECT NUMBER 480078.01.08.02
 PROJECT MANAGER Dana S. Simerly
 BILL TO Hercules, Incorporated
1313 N. Market Street
Wilmington, DE 19894

PURCHASE ORDER NO. _____

DATE SAMPLES SHIPPED _____
 LAB DESTINATION _____
 LABORATORY CONTACT _____
 SEND LAB REPORT TO _____

DATE REPORT REQUIRED _____

PROJECT CONTACT _____

PROJECT CONTACT PHONE NO. _____

R/A Control No. 42351
 C/C Control No. 47302

08/11/88
 TMS Analytical Services, Inc.

Cindy Krauss

Florence K. Kinoshita, Ph.D.

Medical Dept.

Hercules, Inc.

48 Hrs.

Dana S. Simerly

(501) 982-1513

Sample No.	Sample Type	Sample Volume	Preservative	Requested Testing Program	Special Instructions
WH2340	SOIL	~ 35g	None	2,3,7,8-TCDD GC/MS/MS	
WH2341	↓ ↓	↓ ↓	↓ ↓	↓ ↓	
WH2343					
WH2344					
WH2345					
WH2347					
WH2348					
WH2349					
WH2351					
WH2352	SOIL	~ 35g	None	2,3,7,8-TCDD GC/MS/MS	

TURNAROUND TIME REQUIRED: (Rush must be approved by the Project Manager.)

Normal _____

 Rush ☒ _____

(Subject to rush surcharge)

POSSIBLE HAZARD IDENTIFICATION: (Please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances)

Nonhazardous _____

Flammable _____

Skin Irritant _____

Highly Toxic _____

 Other PCDD/PCDF _____

(Please Specify)

SAMPLE DISPOSAL: (Please indicate disposition of sample following analysis. Lab will charge for packing, shipping, and disposal)

 Return to Client ☒ _____

Disposal by Lab _____

FOR LAB USE ONLY

 Received By [Signature]

 Date/Time 8/12/88 4:30

WHITE - Original, to accompany samples

03224-102



024192

REQUEST FOR ANALYSIS

R/A Control No.

C/C Control No.

47301

42340

03224-103

PROJECT NAME

Jacksonville Offsite

PROJECT NUMBER

480078.01.08.02

PROJECT MANAGER

Dana S. Simerly

BILL TO

Hercules, Incorporated

1313 N. Market Street

Wilmington, DE 19894

DATE SAMPLES SHIPPED

LAB DESTINATION

LABORATORY CONTACT

SEND LAB REPORT TO

TMS Analytical Services, Inc.

Cindy Krauss

Florence K. Kinoshita, Ph.D.

Medical Dept.

Hercules, Inc.

DATE REPORT REQUIRED

PROJECT CONTACT

PROJECT CONTACT PHONE NO.

48 Hrs.

Dana S. Simerly

(501) 982-1513

Sample No.	Sample Type	Sample Volume	Preservative	Requested Testing Program	Special Instructions
WH2353	SOEL	2.55g	None	2,3,7,8-TCDD GC/MS/MS	
WH2354					
WH2355					
WH2357					
WH2358					
WH2359					
WH2360					
WH2362					
WH2363					
WH2365	SOEL	2.55g	None	2,3,7,8-TCDD GC/MS/MS	

TURNAROUND TIME REQUIRED:

(Rush must be approved by the Project Manager.)

Normal

Rush ☒

(Subject to rush surcharge)

POSSIBLE HAZARD IDENTIFICATION:

(Please indicate if sample(s) are hazardous materials and/or suspected to contain high levels of hazardous substances)

Nonhazardous

Flammable

Skin Irritant

Highly Toxic

Other PCDD/PCDF

(Please Specify)

SAMPLE DISPOSAL:

(Please indicate disposition of sample following analysis. Lab will charge for packing, shipping, and disposal.)

Return to Client ☒

Disposal by Lab

FOR LAB USE ONLY

Received By

Date/Time

WHITE - Original, to accompany samples

From (Your Name) Please Print THE PHARMACY		Your Phone Number (Very Important) (615) 722-1111		To (Recipient's Name) Please Print SUSANNE HAMMER		Recipient's Phone Number (Very Important) (615) 722-1111	
Company I T CORP		Department/Floor No.		Company I T M S ANALYTICAL SERVICES		Department/Floor No.	
Street Address 312 DIRECTORS DRIVE				Expected Address (Use of P.O. Box or P.O. Zip Code Will Delay Delivery And Result in Extra Charge) 311 MORENT TRAIL			
City AMOXVILLE		State TN		City INDIANAPOLIS		State IN	
ZIP Required For Correct Mailing 37023		ZIP Street Address Zip Required 46206					
YOUR BILLING REFERENCE INFORMATION (FIRST 24 CHARACTERS WILL APPEAR ON INVOICE) 615 722 1111							
PAYMENT ☐ Bill Sender ☐ Bill Recipient's FedEx Acct. No. ☐ Bill 3rd Party FedEx Acct. No. ☐ Bill Credit Card ☐ Cash				HOLD FOR PICK-UP AT THIS FEDERAL EXPRESS LOCATION: Street Address (See Service Guide or Call 800-236-5355) 41			
SERVICES CHECK ONLY ONE BOX 1 ☒ PRIORITY 1 Overnight Delivery Using Your Packaging. When using ICAO regulations, please mark appropriate boxes. Do not mark for CFR 48. ☐ Cargo Aircraft only ☐ Dangerous Goods Transport Document 5 ☐ STANDARD AIR Delivery not later than second business day SERVICE COMMITMENT PRIORITY 1: Delivery is guaranteed early next business morning in most locations. It may take one or more business days if the destination is outside our primary service area. STANDARD AIR: Delivery is generally next business day or not later than second business day. It may take one or more business days if the destination is outside our primary service area.				DELIVERY AND SPECIAL HANDLING CHECK SERVICES REQUIRED 1 ☐ HOLD FOR PICK-UP (P.O. Box or Station only) 2 ☒ DELIVER WEEKDAY 3 ☐ DELIVER SATURDAY (Extra charge) 4 ☒ HAZARDOUS GOODS (P.O. Box Station or Package only. Extra charge) 5 ☐ CONSTANT SURVEILLANCE SERVICE (CSS) (Extra charge for Non-Common Service) 6 ☐ DAY ICE (Use) 7 ☐ OTHER SPECIAL SERVICE 8 9 ☐ SATURDAY PICK-UP (Extra charge) 10			
PACKAGES 1 35 2 LBS 3 LBS 4 LBS Total 1 35 Total		WEIGHT 1 35 2 LBS 3 LBS 4 LBS Total 1 35 Total		ZIP Code of Ship Address Required Emp. No. 1 Date 8/12/88 ☐ Cash Received ☐ Return Shipment ☐ Cash Paid ☐ Ctg. To Hold Street Address City INDIANAPOLIS State IN Zip 46206 Received By X. Little Date/Time Received 8/12/88 0930 FedEx Employee Number 008		Federal Express Us Base Charges Declared Value Charge Origin Agent Charge Total Charges	

9088172936

AIRBILL NUMBER

SHIPPER'S CERTIFICATION FOR RESTRICTED ARTICLES/DANGEROUS GOOD

CHECK ONE ☒ 48 CFR ☐ ICAO

(TYPE OR PRINT)

DANGEROUS GOODS IDENTIFICATION						TOTAL NET QUANTITY	PACKING INSTRUCTIONS	AUTHORIZATION
QTY	PROPER SHIPPING NAME	CLASS OR DIVISION	UN OR ID NO.	SUBSIDIARY RISK				
1	HAZARDOUS MATERIALS	HAZARDOUS MATERIALS	HAZARDOUS MATERIALS	HAZARDOUS MATERIALS	HAZARDOUS MATERIALS	HAZARDOUS MATERIALS	HAZARDOUS MATERIALS	HAZARDOUS MATERIALS

ADDITIONAL DESCRIPTION REQUIREMENTS FOR RADIOACTIVE MATERIALS (SEE BACK)	TRANSPORT DETAILS AIRPORT OF DEPARTURE	THIS SHIPMENT IS WITHIN THE LIMITATIONS PRESCRIBED FOR AIRPORT OF DESTINATION	SHIPMENT TYPE NON-RADIOACTIVE	PASSENGER AIRCRAFT (DELETE-NONAPPLICABLE)	RADIOACTIVE AIRCRAFT ONLY (DELETE-NONAPPLICABLE)
	IF ACCEPTABLE FOR PASSENGER AIRCRAFT, THIS SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN, OR INCIDENT TO, RESEARCH, MEDICAL DIAGNOSIS OR TREATMENT.				

I HEREBY DECLARE THAT THE CONTENTS OF THIS CONSIGNMENT ARE FULLY AND ACCURATELY DESCRIBED ABOVE BY PROPER SHIPPING NAME AND ARE CLASSIFIED, PACKED, MARKED, AND LABELED, AND ARE IN ALL RESPECTS IN PROPER CONDITION FOR TRANSPORT BY AIR ACCORDING TO THE APPLICABLE INTERNATIONAL AND NATIONAL GOVERNMENT REGULATIONS.

NAME AND TITLE OF SHIPPER	PLACE AND DATE
EMERGENCY TELEPHONE NUMBER	SIGNATURE OF SHIPPER

03234104

SEQUENCE TABLE

DATA:234A.R

HERC819A/0919A-B

method file name	range	dup	method file name	range	dup
A DATA:TMSD10.M	3: 10	1	M	:	:
B DATA:TMSD10.M	1: 2	1	N	:	:
C	:	:	O	:	:
D	:	:	P	:	:
E	:	:	Q	:	:
F	:	:	R	:	:
G	:	:	S	:	:
H	:	:	T	:	:
I	:	:	U	:	:
J	:	:	V	:	:
K	:	:	W	:	:
L	:	:	X	:	:

024194

SAMPLE TABLE

DATA:234A.S

Index Sample Identification

- 1....COLUMN PERFORMANCE MIX
- 2....CONTINUING CALIBRATION CCI
- 3....WH2098
- 4....WH2314
- 5....WH2316
- 6....WH2317
- 7....WH2318
- 8....WH2260
- 9....WH2261
- 10....WH2262

....

method file name	range	dup	method file name	range	dup
A DATA:BLANK.M	1:	1 1 M			
B DATA:TMSD10.M	2:	2 1 N			
C DATA:TMSD10.M	5:	5 1 O			
D DATA:FLUSH.M	3:	3 1 P			
E DATA:TMSD10.M	4:	4 1 Q			
F	:	R			
G	:	S			
H	:	T			
I	:	U			
J	:	V			
K	:	W			
L	:	X			

Next Page Previous Page

Next Page Previous Page

SAMPLE TABLE DATA:263A.S

Index Sample Identification

- 1....COLUMN PERFORMANCE MIX
- 2....CALIBRATION SOLN J
- 3....ISOOCTANE
- 4....HERCULES 2354
- 5....DLH RECOVERY TEST

.....

Next Page Previous Page

Next Page Previous Page



TMS Analytical Services Inc.

6376 MORENO TRAIL • TEL: 877-237-5697 • INDIANAPOLIS, INDIANA 46268

SAMPLE RECEIPT/CONDITION DOCUMENTATION

PAGE 1

CF 3

DOCUMENT CONTROL NUMBER: HERCULESCASE NUMBER: HERCULESAIRBILL NUMBER: FED EXP # 90881729DATE RECEIVED: 07/28/88TIME RECEIVED: 09:30

1. CUSTODY SEALS

☒ PRESENT / NOT PRESENT
INTACT / NOT INTACT2. OTHER SEALS, TAPE,
LOCKS, ETC.☒ PRESENT / NOT PRESENT
INTACT / NOT INTACT

3. CHAIN-OF CUSTODY

☒ PRESENT / ABSENT

END SAMPLE NUMBER	SAMPLE LC NUMBER	SAMPLE TAG		INFORMATION ON DOCUMENTATION		REMARKS: (CONDITION OF SAMPLE, SHIPMENT, DOCUMENTATION, ETC.)
		PRESENT	ABSENT	AGREE	DISAGREE	
WH 2289			✓	✓		
2305						
2306						
2307						
2311						
2312						
2313						
2314						
2316						
2317						
2318						
2319						
2320			✓	✓		
WH 2003			✓	✓		

024196

SAMPLE CUSTODIAN SIGNATURE



TMS Analytical Services Inc.

6376 MOREHEAD AVE. / ELKHART, INDIANA 46515

PAGE

2 of 3

DOCUMENT CONTROL NUMBER: HERCULESCASE NUMBER: HERCULESAIRBILL NUMBER: FED EXP # 9088172936DATE RECEIVED: 8/12/88TIME RECEIVED: 0930

1. CUSTODY SEALS

PRESENT / NOT PRESENT
INTACT / NOT INTACT2. OTHER SEALS, TAPE,
LOCKS, ETC.PRESENT / NOT PRESENT
INTACT / NOT INTACT

3. CHAIN-OF CUSTODY

PRESENT / ASSENT

024197

SMD SAMPLE NUMBER	SAMPLE LC NUMBER	SAMPLE TAG		INFORMATION ON DOCUMENTATION		REMARKS: (CONDITION OF SAMPLE, SHIPMENT, DOCUMENTATION, ETC.)
		PRESENT	ASSENT	AGREE	DISAGREE	
WH 2340			✓	✓		
2341						
2343						
2344						
2345						
2347						
2348						
2349						
2351						
2352						
2353						
2354						
2355						
2357						
2358			✓	✓		
WH 2359						

SAMPLE CUSTODIAN SIGNATURE

03224408



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130

DOCUMENT CONTROL NUMBER: HERCULES

CASE NUMBER: HERCULES

AIRBILL NUMBER: FED EXP# 90E8172936

DATE RECEIVED: 68/12/88

TIME RECEIVED: 09:30

1. CUSTODY SEALS

PRESENT / NOT PRESENT
INTACT / NOT INTACT

2. OTHER SEALS, TAPE,
LOCKS, ETC.

PRESENT / NOT PRESENT
INTACT / NOT INTACT

3. CHARGE-OF CUSTODY

PRESENT / PRESENT

[illegible]

SAMPLE CUSTODIAN SIGNATURE

03224409

024198



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4 2472

CASE NUMBER
BALANCE CHECK

HER
✓

SAMPLE TRACKING RECORD

PAGE 1 OF 1

SMD	SAMPLE	SAMPLE	SAMPLE	SAMPLE	COLUMN	CARBON	EXTRACTS	EXTRACTS	GC/MS	EXTRACTS	EXTRACTS	COMMENTS
SAMPLE #	WEIGHT	SPIKED	EXTRACTED	EVAP.	CLEANUP	CLEANUP	TO GC/MS	AT GC/MS	COMPLETED	STORAGE	STORAGE	
1.	2316	5.08	25mg I	L	L	L	NA	L	✓	✓	✓	Seal 02
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
0.												
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
0.												

COMPLETED BY: [Signatures] DATE: 7/25/84 7/26/84 7/27/84 7/28/84 7/29/84 7/30/84 8/1/84 8/2/84 8/3/84 8/4/84 8/5/84 8/6/84 8/7/84 8/8/84 8/9/84 8/10/84 8/11/84 8/12/84 8/13/84 8/14/84 8/15/84 8/16/84 8/17/84 8/18/84 8/19/84 8/20/84 8/21/84 8/22/84 8/23/84 8/24/84 8/25/84 8/26/84 8/27/84 8/28/84 8/29/84 8/30/84 8/31/84 9/1/84 9/2/84 9/3/84 9/4/84 9/5/84 9/6/84 9/7/84 9/8/84 9/9/84 9/10/84 9/11/84 9/12/84 9/13/84 9/14/84 9/15/84 9/16/84 9/17/84 9/18/84 9/19/84 9/20/84 9/21/84 9/22/84 9/23/84 9/24/84 9/25/84 9/26/84 9/27/84 9/28/84 9/29/84 9/30/84 10/1/84 10/2/84 10/3/84 10/4/84 10/5/84 10/6/84 10/7/84 10/8/84 10/9/84 10/10/84 10/11/84 10/12/84 10/13/84 10/14/84 10/15/84 10/16/84 10/17/84 10/18/84 10/19/84 10/20/84 10/21/84 10/22/84 10/23/84 10/24/84 10/25/84 10/26/84 10/27/84 10/28/84 10/29/84 10/30/84 10/31/84 11/1/84 11/2/84 11/3/84 11/4/84 11/5/84 11/6/84 11/7/84 11/8/84 11/9/84 11/10/84 11/11/84 11/12/84 11/13/84 11/14/84 11/15/84 11/16/84 11/17/84 11/18/84 11/19/84 11/20/84 11/21/84 11/22/84 11/23/84 11/24/84 11/25/84 11/26/84 11/27/84 11/28/84 11/29/84 11/30/84 12/1/84 12/2/84 12/3/84 12/4/84 12/5/84 12/6/84 12/7/84 12/8/84 12/9/84 12/10/84 12/11/84 12/12/84 12/13/84 12/14/84 12/15/84 12/16/84 12/17/84 12/18/84 12/19/84 12/20/84 12/21/84 12/22/84 12/23/84 12/24/84 12/25/84 12/26/84 12/27/84 12/28/84 12/29/84 12/30/84 12/31/84

03224410

03224411

024201